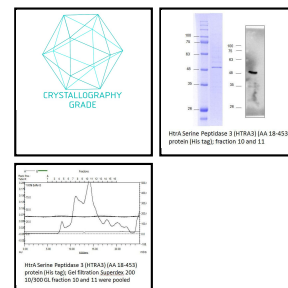


HtrA Serine Peptidase 3 (HTRA3) (AA 18-453) protein (His tag)

Protein Name:	HtrA Serine Peptidase 3 (HTRA3)
Protein Characteristics:	AA 18-453
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)
Catalog no.:	ABIN3092994
Quantity:	1 mg
Availability:	Will be delivered in 20 Business Day(s) (Ships to: North America)

3 Images available



Product Details

Sequence: MREPPAAPCP ARCDVSRCPSPRCPPGGYVPD LCNCLVCAA SEGEPGGPL DSPCGESLEC VRGLRCRWS HAVCGTDGHT YANVCALQAA SRRALQLSGT PVRQLQKGAC PLGLHQLSSP RYKFNFIAADV VEKIAPAVVH IELFLRHPLF GRNVPLSSGS GFIMSEAGLI ITNAHVVSNN SAAPGRQQLK VQLQNGDSYE ATIKDIDKKS DIATIKIHPK KKLPLVLLGH SADLRPGEFV VAIGSPFALQ NTVTTGIVST AQREGRELGL RDSMDYIQT DAIINYGNSG GPLVNLGDEV IGINTLKVTA GISFAIPSDR ITRFLTEFQD KQIKDWKKRF IGIRMTITP SLVDELKASN PDFPEVSSGI YVQEVAPNSP SQGGIQDGD IIVKVNRPRL VDSSELQEAV LTESPLLLEV RRGNDLLFS IAPVVMHHHHHH

Sequence including C-terminal His-tag.

Characteristics:	<ul style="list-style-type: none"> Made in Germany - from design to production - by highly experienced protein experts. Human HTRA3 Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade. State-of-the-art algorithm used for plasmid design (Gene synthesis). Tag Location: C-terminal His Tag
Purification:	The protein is purified from the cleared cell lysate using EDTA resistant His-tag capture materials. Eluate fractions are analyzed by SDS-PAGE. Protein containing fractions are subjected to a second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Grade:	Crystallography grade

Target details

Background: Serine protease that cleaves beta-casein/CSN2 as well as several extracellular matrix (ECM) proteoglycans such as decorin/DCN, biglycan/BGN and fibronectin/FN1. Inhibits signaling mediated by TGF-beta family proteins possibly indirectly by degradation of these ECM proteoglycans (By similarity). May act as a tumor suppressor. Negatively regulates, in vitro, trophoblast invasion during placental development and may be involved in the development of the placenta in vivo. May also have a role in ovarian

Target details

	development, granulosa cell differentiation and luteinization (PubMed:21321049, PubMed:22229724). {ECO:0000250|UniProtKB:Q9D236, ECO:0000269|PubMed:21321049, ECO:0000269|PubMed:22229724}.
Molecular Weight:	47.9 kDa Including tag.
UniProt:	P83110
Research Area:	Proteases

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

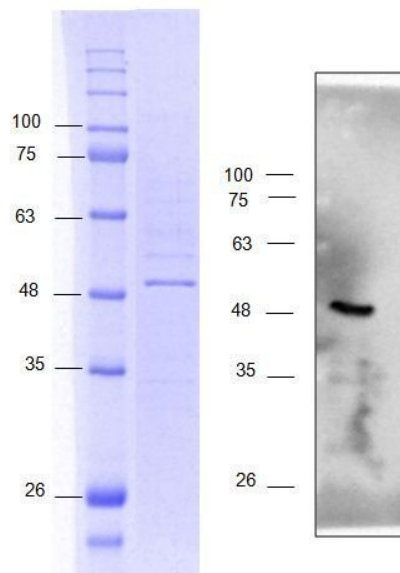
Handling

Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)

Images

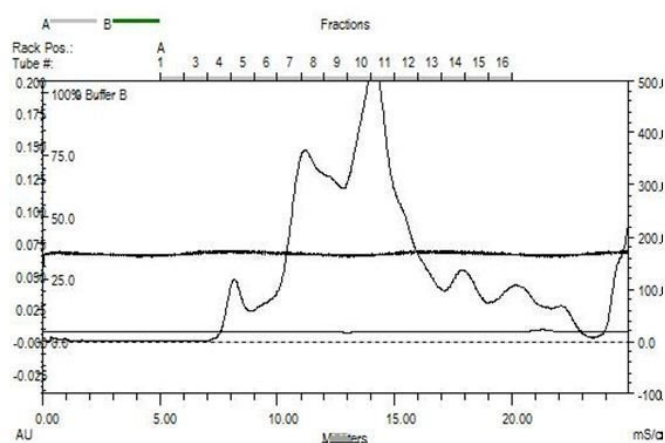


„Crystallography Grade“ protein due to multi-step, protein-specific purification process



HtrA Serine Peptidase 3 (HTRA3) (AA 18-453) protein (His tag); fraction 10 and 11

Image 2 for HtrA Serine Peptidase 3 (HTRA3) (AA 18-453) protein (His tag)



HtrA Serine Peptidase 3 (HTRA3) (AA 18-453) protein (His tag); Gel filtration Superdex 200 10/300 GL fraction 10 and 11 were pooled

Image 3 for HtrA Serine Peptidase 3 (HTRA3) (AA 18-453) protein (His tag)

Order form

Please address orders & technical inquiries to:

antibodies-online Inc. Fax +1 888 205 9894
Dunwoody Park, Suite 145 Phone +1 877 302 8632
Atlanta, GA 30338 info@antibodies-online.com
United States

Orderer

Salutation (Mr./Ms.)	.....	Title	.....
Name	.....	Institution	.....
Phone	.....	Email	.....

Shipping address

Name recipient	.....	Institution	.....
Street	.....	Postal code	.....
City	.....	Country	.....

Billing address

Name recipient	.....	Institution	.....
Street	.....	Postal code	.....
City	.....	Country	.....
VAT ID	.....	

Your Order

Purchase Order Number (PON) (Optional)

Pos.	Product ID (e.g. ABIN123456)	Name (e.g. SOC2 antibody)	Amount
1.	ABIN3092994	HtrA Serine Peptidase 3 (HTRA3) (AA 18-453) protein (His tag)	
2.			
3.			

I took note of and accepted the terms and conditions of antibodies-online Inc. (<http://www.antibodies-online.com/terms/>).

Signature Place, Date