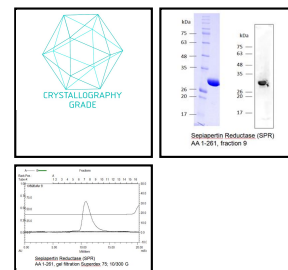


Sepiapterin Reductase (SPR) (AA 1-261) protein (His tag)

Protein Name:	Sepiapterin Reductase (SPR)
Protein Characteristics:	AA 1-261
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.:	ABIN3077209
Quantity:	1 mg
Availability:	Will be delivered in 13 Business Day(s) (Ships to: North America)

3 Images available



Product Details

Sequence:	MHHHHHHEGGLGRAVCLLTGASRGFGRTLAPLLASLLSPGSLVLVSARNDEALRQLEAELGAERSGLRVVRVPADLGAELQQLLALRELPRPKGLQRLLINNAGSLGDVSKGFVDLSGSTQVNNY WALNLTSMLCLTSSVLKAFPDSPGLNRTVVNISSLCALQPFKGWALYCAGKAARDMLFQVLAL EEPNVRVLNYAPGPLDTDMQQLARETSVDPDMRKGLQELKAKGKLV DCKVSAQKLLSLLEKDEFKSGAHVDFYDK Sequence including N-terminal His-tag.
Characteristics:	<ul style="list-style-type: none"> Made in Germany - from design to production - by highly experienced protein experts. Human SPR 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).
Purification:	Two step purification of proteins expressed in bacterial culture:
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:	Catalyzes the final one or two reductions in tetra-hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.
Molecular Weight:	29.0 kDa Including tag.
UniProt:	P35270
Research Area:	Metabolism, Neurology
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

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
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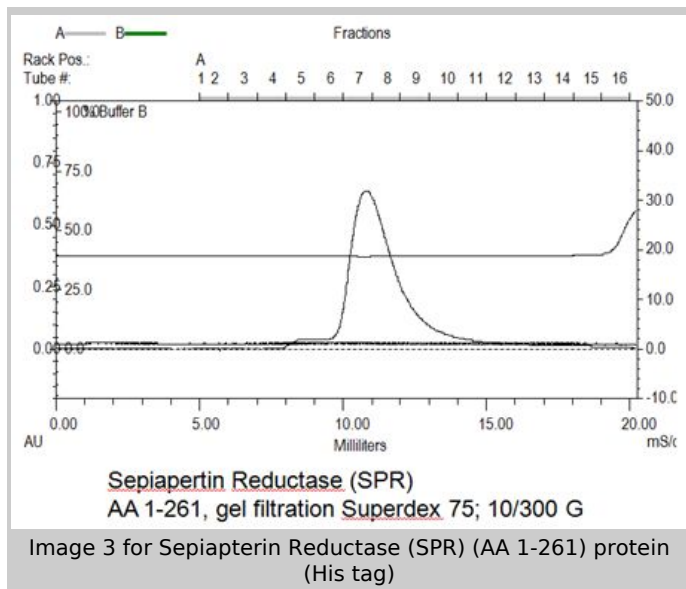
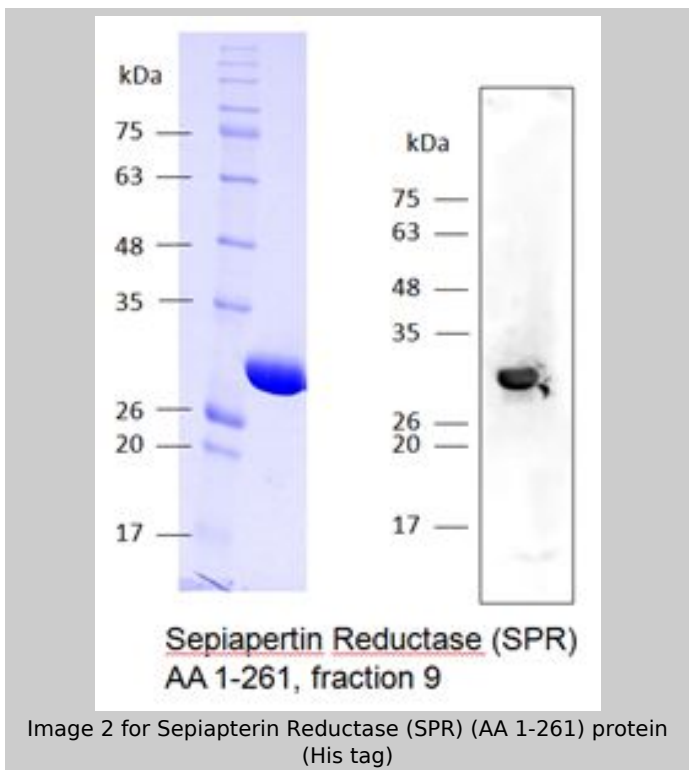
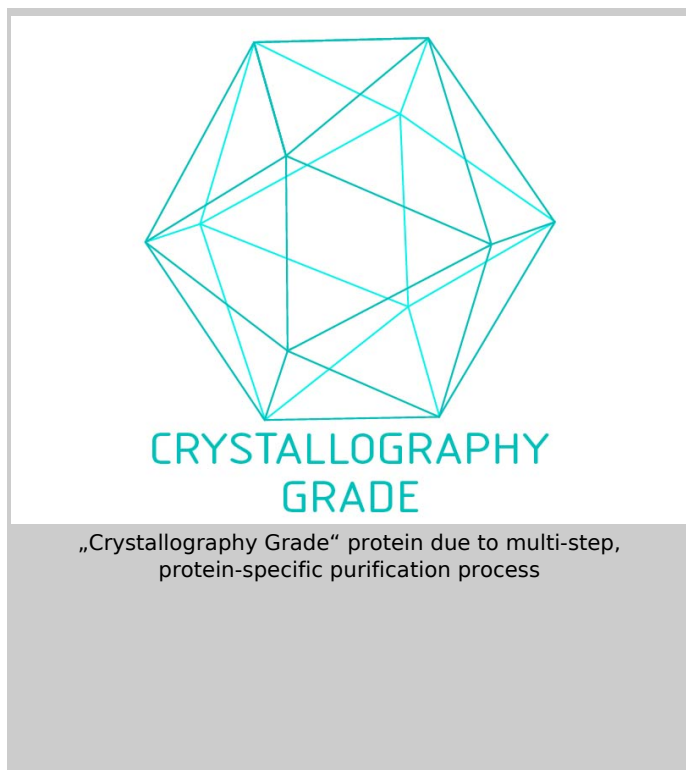
Application Details

	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



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.	ABIN3077209	Sepiapterin Reductase (SPR) (AA 1-261) 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