

Datasheet

KRT23 (Human) Recombinant Protein (P01)

Catalog Number: H00025984-P01

Regulation Status: For research use only (RUO)

Product Description: Human KRT23 full-length ORF (AAH28356, 1 a.a. - 422 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MNSGHSFSQTPSASFHGAGGGWGRPRSFPRAPTVH
GGAGGARISLSFTTRSCPPPGGSWGSGRSSPLLGGN
GKATMQNLNDRLASVVEKVRAL E E ANMKLES RILKWH
QQRDPGSKKDYSQY EENITHLQEIVD GKM TNAQIILLI
DNARMAVDDFN LKYENEHSFKKDLEIEVEGLRRTL DN
LTIVTTDL EQEVEGMRKELILMKKHHEQEME KHHVPSD
FNVNVKVD TGPREDLIKVLED MRQEYELI I KKKHRDLD
TWYKEQSAAMSQEAASPATVQSRQGD I HELKRTFQAL
EIDLQTQYSTKSALENMLSETQSRYSCKLQDMQEIISH
YEEELTQLRH ELERQNNEYQVLLGIKTHLEKEITTYRRL
LEGESEGTREESKSSMKVFATPKIKAITQETINGRLVLC
QVNEIQKHA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 72.16

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 25984

Gene Symbol: KRT23

Gene Alias: CK23, DKFZp434G032, HAIK1, K23, MGC26158

Gene Summary: The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq]

References:

1. Identification of putative immunologic targets for colon cancer prevention based on conserved gene expression from pre-invasive to malignant lesions. Broussard EK, Kim R, Wiley JC, Marquez JP, Annis JE, Pritchard D, Disis ML *Cancer Prev Res (Phila)*. 2013 Jun 10.