

Datasheet for ABIN7554308
KEL Protein (AA 1-732) (His tag)



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Overview

Quantity:	1 mg
Target:	KEL
Protein Characteristics:	AA 1-732
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KEL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KEL Protein expressed in mammalian cells.
Sequence:	MEGGDQSEEE PRERSQAGGM GTLWSQESTP EERLPVEGSR PWAVARRVLT AILILGLLLC FSVLLFYNFQ NCGPRPCETS VCLDLRDHYL ASGNTSVAPC TDDFSFACGR AKETNNSFQE LATKNKNRLR RILEVQNSWH PGSGEEKAFQ FYNSCMDTLA IEAAGTGPLR QVIEELGGWR ISGKWTSLENF NRTLRLMSQ YGHFPFFRAY LGPHPASPHT PVIQIDQPEF DVPLKQDQEQ KIYAQIFREY LTYLNQLGTL LGGDPSKVQE HSSLSISITS RLFQFLRPLE QRRAQGKLFQ MVTIDQLKEM APAIDWLSCL QATFTPMSLS PSQSLVVHDV EYLKNMSQLV EEMLLKQRDF LQSHMILGLV VTLSPALDSQ FQEARRKLSQ KLRELTEQPP MPARPRWMKC VEETGTFFEP TLAALFVREA FGPSTRSAAM KLFTAIRDAL ITRLRNLPWM NEETQNMAQD KVAQLQVEMG ASEWALKPEL ARQEYNDIQL GSSFLQSVLS CVRSLRARIV QSFLQPHQPH RWKVSPWDVN AYYSVSDHVV VFPAGLLQPP FFHPGYPRAV NFGAAGSIMA HELLHIFYQL LLPGGCLACD NHALQEAHLC LKRHYAAFPL PSRTSFNDSL TFLENAADVG GLAIALQAYS KRLLRHHGET VLPSLDLSPQ QIFFRSYAQV MCRKPSPQDS HDTHSPPHLR VHGPLSSTPA FARYFRCARG

Product Details

ALLNPSSRCQ LW **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: KEL

Alternative Name: KEL ([KEL Products](#))

Background: Kell blood group glycoprotein (EC 3.4.24.-) (CD antigen CD238),FUNCTION: Zinc endopeptidase with endothelin-3-converting enzyme activity. Cleaves EDN1, EDN2 and EDN3, with a marked preference for EDN3. {ECO:0000269|PubMed:10438732}.

Molecular Weight: 82.8 kDa

UniProt: [P23276](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition 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: 12 months
