

Datasheet for ABIN7561397
KEL Protein (AA 1-713) (His tag)



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Overview

Quantity:	1 mg
Target:	KEL
Protein Characteristics:	AA 1-713
Origin:	Mouse
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:	MGPPWSQESS PEERLPTIEWS RQLTRARWVL LAVLLCGLLL GSSMLWFYIF RNCGPCPCET PVCMELLDHY LASGNRSVAP CTDFFSFACE KANGTSDSFQ ALTEENKSRL WRLLLEAPGSW HLGSGEEKAF QFYNSCMDTD AIEASGSGPL IQIIEELGGW NITGNWTS LD FNQNLRLMS QYGHFPPFRA YLRPHPAPPH TPIIQIDQPE FDILLQQEQE QKVYAQILRE YVTYLNRLGT LLG SNPQEAQ QHASWSIVFT SRLFQFLRPQ QQQQAQDKLF HVVTIDELQE MAPAIDWLSC LQAIFTPMSL NSSQTLVVDH LDYLRNMSQL VEEGLLNHRE SIQSYMILGL VDTLSPALDT KFQEARRELI QELRKLKERP PLPAYPRWMK CVEQTGAFFE PTLAALFVRE AFGPSIQSAA MELFAEIKDA VIIRLKKLSW ISEETQKEAL NKLAQLQVEM GAPKRAVKPD IATQEYNDIQ LGPSFLQSFL SCVRS LRARN VQSFLQPPFY HRWQKSPWEV NAYYSISDHM VVFPAGLLQP PFFHPGY PRA VNFGAAGSIM AHELLHIFYQ LLLPGGCPAC DTHVLQEALL CLERHYAAFP LPSISSFN GS HTLLENAADI GGVAIAFQAY SKRIVEHTGE LTLPNLDLSP YQLFFRSY AQ VMCRGLSSQD PQDPHSPPSL RVHGPLSNTP DFAKHFHCPR GTLLNPSARC KLW Sequence

Product Details

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 homolog (EC 3.4.24.-) (CD antigen CD238),FUNCTION: Zinc endopeptidase with endothelin-3-converting enzyme activity. Cleaves EDN1, EDN2 and EDN3 (By similarity). {ECO:0000250, ECO:0000269|PubMed:11132157}.

Molecular Weight: 80.9 kDa

UniProt: [Q9EQF2](#)

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
