

Datasheet for ABIN7551007
KLRAQ1 Protein (AA 1-780) (His tag)



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Overview

Quantity:	1 mg
Target:	KLRAQ1
Protein Characteristics:	AA 1-780
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLRAQ1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP1R21 Protein expressed in mammalian cells.
Sequence:	MASAELOGKY QKLAQEYSKL RAQNQVLKKG VVDEQANSAA LKEQLKMKDQ SLRKLQEMD SLTFRNLQLA KRVELLQDEL ALSEPRGKKN KKSCESSQL SQEQKSVFDE DLQKKIEENE RLHIQFFEAD EQHKHVEAEL RSRLATLETE AAQHQA VVDG LTRKYMETIE KLQNDKAKLE VKSQTLEKEA KECRLRTEEC QLQLKTLHED LSGRLEESLS IINEKVPFND TKYSQYNALN VPLHNRRHQL KMRDIAGQAL AFVQDLVTAL LNFHTYTEQR IQIFPVDSAI DTISPLNQKF SQYLHENASY VRPLEEGMLH LFESITEDTV TVLETTVKLK TFSEHLTSYI CFLRKILPYQ LKSLEEECES SLCTSALRAR NLELSQDMKK MTAVFEKLQT YIALLALPST EPDGLLRNTY SSVLTNVGAA LHGFHDVMKD ISKHYSQKAA IEHELPTATQ KLITNDCIL SSVVALTNGA GKIASFFSNN LDYFIASLSY GPKAASGFIS PLSAECMLQY KKKAAAYMKS LRKPLLESVP YEEALANRRI LLSSTESREG LAQQVQQSLE KISKLEQEKE HWMLEAQLAK IKLEKENQRI ADKLNKTGSA QLVGLAQENA AVSNTAGQDE ATAKAVLEPI QSTSLIGTLT RTSDSEVPDV ESREDLIKNH YMARIVELTS QLQLADSKSV HFYAECRALS KRLALAEKSK EALTEEMKLA

Product Details

SQNISRLQDE LTTTKRSYED QLSMMSDHLC SMNETLSKQR EEIDTLKMSS KGNSKKNKSR

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: KLRAQ1

Alternative Name: PPP1R21 ([KLRAQ1 Products](#))

Background: Protein phosphatase 1 regulatory subunit 21 (Coiled-coil domain-containing protein 128) (KLRAQ motif-containing protein 1),FUNCTION: Putative regulator of protein phosphatase 1 (PP1) activity (PubMed:19389623). May play a role in the endosomal sorting process or in endosome maturation pathway (PubMed:30520571). {ECO:0000269|PubMed:30520571, ECO:0000305|PubMed:19389623}.

Molecular Weight: 88.3 kDa

Target Details

UniProt: [Q6ZMI0](#)

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