

Datasheet for ABIN7557056

KLRAQ1 Protein (AA 1-780) (His tag)



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Overview

Quantity:	1 mg
Target:	KLRAQ1
Protein Characteristics:	AA 1-780
Origin:	Mouse
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:	<p>MASAELOGKY QKLAQEYSKL RAQNQVLKKG VVDEQASSAA LKEQLKMKDQ SLRKLQQEMD</p> <p>SLTFRNLQLA KRVELLQDEL ALSEPRGKKK KKSSESSQL SQEQKSVFDE DLQKKIEENE</p> <p>RLHIQFFEAD EHHRHVEAEL RSRLATLETE AAQHQAVIDG LTRKYMETIE KLQSDKAKLE</p> <p>VKSQTLEKEA KECRLRTEEC QLQLKNLHED LSGRLEESLS IINEKVPFND TKCHLYNALN</p> <p>VPLHNRRHQL KMRDIAGQAL AFVQDLVPAL LNFHTYTEQR IQIFPVDSAI DTISPLNQKF</p> <p>SQYLHENASY VRPLEEGMLH LFESITEDTV TVLETTVKLK MFSDHLTSYV RFLRKILPYQ</p> <p>LKSLEEECES SLCTPALRAR NLELSQDMKT MTAVFEKLQT YVTLLALPST EPDGLLRNTY</p> <p>TSVLTNVGAA LHGFHDVMKD ISKHYSQKAS IEHEIPTATQ KLVTTNDCIL SSAVTLTNGA</p> <p>GKIASFFGNN VDYFIASLSY GPKTASGFIS PLSAECMLQY KKKAAAYMKS LRTPLAESVP</p> <p>YGEAVANRRV LLSSTESREG LAQVQQSLE KISKLEQEKE HWMLEAQLAK IKLEKENQRI</p> <p>ADRLRGTTSA QLPGLAQENA TVPIASSQEE AAKVLTEPV QSTSLVGMLT RTPDSEAPDV</p> <p>ESREDLIKSH YMARIAELTS QLQLADSKSV HFYAECRALS KRLALAEKSK ETLTEEMRLA</p>

SQNISRLQDE LMTTKRSYED QLSMMSDHLC SMNETLSKQR EEIDTLKMAS KGNSKKTRNR

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. May play a role in the endosomal sorting process or in endosome maturation pathway. {ECO:0000250|UniProtKB:Q6ZMI0}.

Molecular Weight: 88.3 kDa

UniProt: [Q3TDD9](#)

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