

Datasheet for ABIN7559793
LRRC14 Protein (AA 1-493) (His tag)



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Overview

Quantity:	1 mg
Target:	LRRC14
Protein Characteristics:	AA 1-493
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC14 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lrrc14 Protein expressed in mammalian cells.
Sequence:	MHTLVFLSTR QVLQCQPAAC QALPLLREL FPLLFKVAFM DKKTLVREL VHTWPFPLLS FQQLQECAH CSRALLQERL STESMQAVIL GLTARIHTQE TEAGTQPLCR KHALRVLDMT GLLDDGVEQD PETMSMWDCT AAVARTCIAQ QQGGTAEPGL SPVPVEIRVD LRVNRASYTF LREALQSSVA SPLRLCCRD LRAEDLPMRNT VALLQLLDAG CLRRIDLRFN NLGLRGLSVI IPHVARFQHL ASLRLHYVHG DSRQPSVDGE DNFRYFLAQM GRFMCLRELS MGSSLLSGRL DQLLSTLQRP LESLELAFCA LLPEDLRFLL QSSHAAHLKK LDLSGNDLSG NQLTPFQGLL QAVATLLHL ELTECQLADA QLLATLPTLT RCASLRYLGL YGNPLSMAGL KELLRDSVQ AELRTVVHPF PVDCYEGLPW PPPASVLLA SINEEFARV EAEHQLLLA SGRAHVLTWT DIYGRLAADY FSL 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

Product Details

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:

LRRC14

Alternative Name:

Lrrc14 ([LRRC14 Products](#))

Background:

Leucine-rich repeat-containing protein 14,FUNCTION: Negatively regulates Toll-like receptor-mediated NF-kappa-B signaling by disrupting IKK core complex formation through interaction with IKBKB. {ECO:0000250|UniProtKB:Q15048}.

Molecular Weight:

55.0 kDa

UniProt:

[Q8VC16](#)

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