

Datasheet for ABIN7556595
LRCH1 Protein (AA 1-709) (His tag)



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Overview

Quantity:	1 mg
Target:	LRCH1
Protein Characteristics:	AA 1-709
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRCH1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lrch1 Protein expressed in mammalian cells.
Sequence:	MATPGSEPQA FAPALSVTAL HPHLHQHHQH HQHHQHHGGT GGTGFNLPLN RGLERALEEA ANSGGLNLSA RKLKEFPRTT APGHDLSDTV RADLSKNRLV EVPMELCQFV SLEILNLYHN CIRVIPEAIV NLQMLTHLNL SRNQLSALPA CLCGLPLKVL IASNNKLGSL PEEIGLKQL MELDVSCNEI TALPQQIGQL KSLRELVNRR NYLKVLPPEL VDLPLVKFDF SCNKVLVIPV CFREMKQLQV LLENNPLQS PPAQICTKGK VHIFKYLSIQ ACQIKTSDSL YLPTIERPHL HQHVEDSKKD SDSGVGSNDG DKRLSATEPS DEDTVSLNAP MSNIVEEDQT IKEDACHRLT PTKGEFQPKP SILGDSGISG QEREQLAGRA DARHSGLMNY IKDQAEDCEE LLRIEEDAHW HMEELLNSSK DRELDIAMIE QLREAELLQD PNGLSADIIE RSILNLFPMDSGEASEFPDP SLNGQLQLET SPDREVQNDL MLQSNGSQYS PNEIRENSPS VSPTANITAP FGLKPRSGSW CPEEVQGSLQ AESSPRRPQL LSRHVFLRPQ RNLESIDPQF TIRRKMEQMR EEKELVEQLR ESIEMRLKVT LHEDLGAALM DGVVLCHLAN HVRPRSVASI HVPSPA VPKL SMAKCRNVE NFLEACRKLK VPEEKLCLPH HILEEKGLVK VGTTVQALLD VTVTKALFT Sequence without tag.

Product Details

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: LRCH1

Alternative Name: Lrch1 ([LRCH1 Products](#))

Background: Leucine-rich repeat and calponin homology domain-containing protein 1 (Calponin homology domain-containing protein 1),FUNCTION: Acts as a negative regulator of GTPase CDC42 by sequestering CDC42-guanine exchange factor DOCK8. Probably by preventing CDC42 activation, negatively regulates CD4(+) T-cell migration in response to chemokine stimulation. {ECO:0000269|PubMed:28028151}.

Molecular Weight: 79.1 kDa

UniProt: [P62046](#)

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
