

Datasheet for ABIN7549133
LRRC45 Protein (AA 1-670) (His tag)



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Overview

Quantity:	1 mg
Target:	LRRC45
Protein Characteristics:	AA 1-670
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC45 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LRRC45 Protein expressed in mammalian cells.
Sequence:	MEEFRRSYSR LCRESGAEPQ EAVLQQLHQL PRGRDLATQ SLTVETCRAL GKLLPRETLC TELVLSDCML SEEGATLLLR GLCANTVLRFLDLKGNLRA AGAEALGKLL QQNKSIQSLT LEWNSLGTWD DAFATFCGGL AANGALQRLD LRNNQISHKG AEELALALKG NTTLQQLDLR WNNVGLLGGR ALMNCLPSNR TLWRDLAGN NIPGDVLRV EQAMGHSQDR LTTFQENQAR THVLSKEVQH LREEKSKQFL DLMETIDKQR EEMAKSSRAS AARVGQLQEA LNERHSIINA LKAKLQMTEA ALALSEQKAQ DLGELLATAE QEQLSLSQRQ AKELKLEQQE AAERESKLLR DLSAANEKNL LLQNQVDELE RKFRCCQEQL FQTRQEMTSM SAELKMRAIQ AEERLDMEKR RCRQSLEDSE SLRIKEVEHM TRHLEESEKA MQERVQRLEA ARLSLEEELS RVKAAALSER GQAEELIKA KSQARLEEQQ RLAHLEDKLR LLAQARDEAQ GACLQKQV VAEAQTRVSQL GLQVEGLRRR LEELQELSL KDQERVAEVS RVRVELQEQN GRLQAEELAAQ EALREKAAAL ERQLKVMASD HREALLDRES ENASLREKLR LREAEIARIR DEEAQRASFL QNAVLAYVQA SPVRTLSPPK Sequence without tag. The proposed Purification-Tag is based on experiences

Product Details

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: LRRC45

Alternative Name: LRRC45 ([LRRC45 Products](#))

Background: Leucine-rich repeat-containing protein 45,FUNCTION: Component of the proteinaceous fiber-like linker between two centrioles, required for centrosome cohesion.
{ECO:0000269|PubMed:24035387}.

Molecular Weight: 76.0 kDa

UniProt: [Q96CN5](#)

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
