

Datasheet for ABIN7548849
LARP4 Protein (AA 1-724) (His tag)



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Overview

Quantity:	1 mg
Target:	LARP4
Protein Characteristics:	AA 1-724
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LARP4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LARP4 Protein expressed in mammalian cells.
Sequence:	MLLFVEQVAS KGTGLNPNK VWQEIAPGNT DATPVTHGTE SSWHEIAATS GAHPEGNAEL SEDICKEYEV MYSSCETTR NTTGIEESTD GMILGPEDLS YQIYDVSGES NSAVSTEDLK ECLKKQLEFC FSRENLSKDL YLISQMDSQ FIPIWTVANM EEIKKLTDP DLILEVLRSS PMVQVDEKGE KVRPSHKRCI VILREIPETT PIEEVKGLFK SENC PKVISC EFAHNSNWI TFQSDTDAQQ AFKYLREEVK TFQGPIMAR IKAINFFAK NGYRLMDSSI YSHPIQTQAQ YASPVFMQPV YNPHQQYSVY SIVPQSWSPN PTPYFETPLA PFPNGSFVNG FNSPGSYKTN AAAMNMGRPF QKNRVKPFQFR SSGGSEHSTE GSVSLGDGQL NRYSSRNFP A ERHNPTVTGH QEQTYLQKET STLQVEQNGD YGRGRRTLFR GRRRREDDRI SRPHPSTAES KAPTPKFDLL ASNFPPLPGS SSRMPGELVL ENRMSDVVKG VYKEKDNEEL TISCPVADE QTECTSAQQL NMSTSSPCAA ELTALSTTQQ EKDLIEDSSV QKDGLNQTTI PVSPSTTKP SRASTASPCN NNINAATAVA LQEPKLSYA EVCQKPPKEP SSVLVQPLRE LRSNVVSPK NEDNGAPENS VEKPHEKPEA RASKDYSGFR GNIIPRGAAG KIREQRRQFS HRAIPQGVTR RNGKEQYVPP RSPK

Product Details

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: LARP4

Alternative Name: LARP4 ([LARP4 Products](#))

Background: La-related protein 4 (La ribonucleoprotein domain family member 4),FUNCTION: RNA binding protein that binds to the poly-A tract of mRNA molecules (PubMed:21098120). Associates with the 40S ribosomal subunit and with polysomes (PubMed:21098120). Plays a role in the regulation of mRNA translation (PubMed:21098120). Plays a role in the regulation of cell morphology and cytoskeletal organization (PubMed:21834987, PubMed:27615744). {ECO:0000269|PubMed:21098120, ECO:0000269|PubMed:21834987, ECO:0000269|PubMed:27615744}.

Target Details

Molecular Weight: 80.6 kDa

UniProt: [Q71RC2](#)

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