

Datasheet for ABIN7554444
LZTS2 Protein (AA 1-669) (His tag)



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Overview

Quantity:	1 mg
Target:	LZTS2
Protein Characteristics:	AA 1-669
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LZTS2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LZTS2 Protein expressed in mammalian cells.
Sequence:	MAIVQTLVPV LEPAPEAATA PQAPVMGSVS SLISGRPCPG GPAPPRHHGP PGPTFFRQQD GLLRGGYEAQ EPLCPAVPPR KAVPVTSFTY INEDFRTESP PSPSSDVEDA REQRAHNAHL RGPPPKLIPV SGKLEKNMEK ILIRPTAFKP VLPKPRGAPS LPSFMGPRAT GLSGSQGSLT QLFGGPASSS SSSSSSSAAD KPLAFSGWAS GCPSGTLSDS GRNSLSSLPT YSTGGAEPTT SSPGGHLP SH GSGRGALPGP ARGVPTG PSH SDSGRSSSSK STGSLGGRVA GLLGSGTRA SPDSSSCGER SPPPPPPPPS DEALLHCVLE GKL RDREAEL QQLRDSL DEN EATMCQAYEE RQRHWQRERE ALREDCAAQA QRAQRAQQLL QLQVFQLQQE KRQLQDDFAQ LLQEREQLER RCATLREQR ELGPRLEETK WEVCQKSGEI SLLKQQLKES QAELVQKGSE LVALRVALRE ARATLRVSEG RARGLQEAAR ARELELEACS QELQRHRQEA EQLREKAGQL DAEAAGLREP PVPPATADPF LLAESDEAKV QRAAAGVGG S LRAQVERLRV ELQRERRRGE EQRDSFEGER LAWQAEKEQV IRYQKQLQHN YIQMYRRNRQ LEQELQQLSL ELEARELADL GLAEQAPCIC LEEITATEI 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: LZTS2

Alternative Name: LZTS2 ([LZTS2 Products](#))

Background: Leucine zipper putative tumor suppressor 2 (hLZTS2) (Protein LAPSER1),FUNCTION: Negative regulator of katanin-mediated microtubule severing and release from the centrosome. Required for central spindle formation and the completion of cytokinesis. May negatively regulate axonal outgrowth by preventing the formation of microtubule bundles that are necessary for transport within the elongating axon. Negative regulator of the Wnt signaling pathway. Represses beta-catenin-mediated transcriptional activation by promoting the nuclear exclusion of beta-catenin. {ECO:0000255|HAMAP-Rule:MF_03026, ECO:0000269|PubMed:17000760, ECO:0000269|PubMed:17351128, ECO:0000269|PubMed:17950943, ECO:0000269|PubMed:18490357}.

Target Details

Molecular Weight: 72.8 kDa

UniProt: [Q9BRK4](#)

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