

Datasheet for ABIN7551996
ALS2CL Protein (AA 1-953) (His tag)



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Overview

Quantity:	1 mg
Target:	ALS2CL
Protein Characteristics:	AA 1-953
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALS2CL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ALS2CL Protein expressed in mammalian cells.
Sequence:	<p>MCNPEEAALL RLEEVFSATL AHVNSLVLQP LLPAAPDPSD PWGRECLRL QQLHKSSQQL WEVTEESLHS LQERLRYPDS TGLESLLLLR GADRVLQAH EYIESYTSCM VVQAFQKAAK RRSEYWRGQR KALRQLLSGV SSEGSVGASL GQALHQPLAH HVQQYVLLLL SLGDTIGEHH PTRELVNAV TLFGNLQSFM KQELDQAVAT QALWHTLRGR LRDVLCPTAH RLLQDSQDVP VTVAPLRAER VLLFDDALVL LQGHNVHTFD LKLVWVDPGQ DGCTFHLLTP EEEFSFCAKD SQGQAVWQWK VTWAVHQALH GKKDFPVLGA GLEPSQPPDC RCAEYTFQAE GRQCQATYEG EWCRCRPHGK GTLKWPDGRN HVGNFQCQGLE HGFIRLLPQ ASEDKFDCYK CHWREGSMCG YGICEYSTDE VYKGYFQEGL RHGFGVLESG PQAPQPFRTY GHWERGQRSG YGIEEDGDRG ERYIGMWQAG QRHGPVMT QAGVCYQGT QADKTVGPGI LLEDDSLIE GTFTRDLTLM GKGKVTFPNG FTLEGSFGSG AGRGLHTQGV LDAAALPPDP SSTCKRQLGV GAFPVESRWQ GVYSPFRDFV CAGCPRDLQE ALLGFDVQSS RELRRSQDYL SCERTHPEDS VGSMEIDILEE LLQHREPKAL QLYLRKALSN SLHPLGKLLR TLMLTFQATY AGVGANKHLQ ELAQEEVKQH</p>

Product Details

AQELWAAYRG LLRVALERKG QALEEDEDTE TRDLQVHGLV LPLMLPSFYS ELFTLYLLLH
EREDSFYSQG IANLSLFPDT QLLEFLDVQK HLWPLKDLTL TSNQRYSLVR DKCFLSATEC
LQKIMTTVDP REKLEVLERT YGEIEGTVSR VLGREYKLPD DDLLPLLIYV VSRARIQHLG
AEIHLIRDMM DPNHTGGLYD FLLTALESCY EHIQKEDMRL HRLPGHWHSR ELW **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: ALS2CL

Alternative Name: ALS2CL ([ALS2CL Products](#))

Background: ALS2 C-terminal-like protein,FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for Rab5 GTPase. Regulates the ALS2-mediated endosome dynamics.
{ECO:0000269|PubMed:15388334, ECO:0000269|PubMed:16473597,
ECO:0000269|PubMed:17239822}.

Target Details

Molecular Weight: 107.7 kDa

UniProt: [Q60I27](#)

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