

Datasheet for ABIN7560332

EPS8-Like 2 Protein (EPS8L2) (AA 1-729) (His tag)



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Overview

Quantity:	1 mg
Target:	EPS8-Like 2 (EPS8L2)
Protein Characteristics:	AA 1-729
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPS8-Like 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Eps8l2 Protein expressed in mammalian cells.
Sequence:	MSQSASMSCC PGAANGSLGR SDGVPRMSAK DLFEQRKKYS NSNVIMHETS QYHVQHLATF IMDKSEAIAS VDDAIRKLVQ LSSKEKVWAQ EVLLQVNDKS LRLLDVESQE ELENFPLPTV QHSQTVLNQL RYPSVLLLVC QDSDQNKPDH HFFHCDEVEA ELVQEDIESA LADYRLGKKM RPQTLKGHQE KIRQRQSILP PPQSPAPIPF QRQPGDSPQA KNRVGLPLPV PFSEPGYRRR ESQDEEPRAV LAQRIKETQ ILNCTLDDIE WFVARLQKAA EAFKQLNQKRG KGKKKNKKGP AEGVLTLLRR PPSEGEFVDC FQKTKLAINL LAKLQKHIQN PSAAELVHFL FGPLDLIINT CGSPDIARSV SSPLLSTDAV SFLRGHLVPK EMTLWESLGE TWMRPRSEWP REPQVPLYVP KFRSGWEPLP DVLQEAPWEV EGLASVPSDQ LTPKNRLSVR HSPKHLSLSE SQAPEDIAPP GSSPHANRGY QPTPAMTKYV KILYDFTARN ANELSVLKDE VLEVLEDGRQ WWKLNRNSGQ AGYVPCNILA EARQEDVGAP LEQSGQKYWG PASPTHLKPP IFAGNKEELI HHMDEVNDEL MKKISHIKTQ PQRNFRVERS QPVHLPLTFE SGPDEVRAWL EAKAFSARIV ENLGILTGPQ LFSLNKEELK KVCGEESGRV YSQLTVQKAF LEKQQSGSEL EKLMSKIRRA EDSYTSQHTS

Product Details

PESEGAPHL **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: EPS8-Like 2 (EPS8L2)

Alternative Name: Eps8l2 ([EPS8L2 Products](#))

Background: Epidermal growth factor receptor kinase substrate 8-like protein 2 (EPS8-like protein 2) (Epidermal growth factor receptor pathway substrate 8-related protein 2) (EPS8-related protein 2),FUNCTION: Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton (By similarity). In the cochlea, is required for stereocilia maintenance in adult hair cells (PubMed:23918390).
{ECO:0000250|UniProtKB:Q9H6S3, ECO:0000269|PubMed:23918390}.

Molecular Weight: 82.2 kDa

Target Details

UniProt: [Q99K30](#)

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