

Datasheet for ABIN7547427

EPS8-Like 2 Protein (EPS8L2) (AA 1-715) (His tag)



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Overview

Quantity:	1 mg
Target:	EPS8-Like 2 (EPS8L2)
Protein Characteristics:	AA 1-715
Origin:	Human
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:	<p>MSQSGAVSCC PGATNGSLGR SDGVAKMSPK DLFEQRKKYS NSNVIMHETS QYHVQHLATF</p> <p>IMDKSEAITs VDDAIRKLVQ LSSKEKIWTQ EMLLQVNDQS LRLLDIESQE ELEDFFPLPTV</p> <p>QRSQTVLNQL RYPSVLLLVC QDSEQSKPDV HFFHCDEVEA ELVHEDIESA LADCRLGKKM</p> <p>RPQTLKGHQE KIRQRQSILP PPQGPAPIPF QHRGGDSPEA KNRVGPQVPL SEPGFRRRES</p> <p>QEEPRAVLAQ KIEKETQILN CALDDIEWFV ARLQKAAEAF KQLNQRKKGK KKGKKAPAEG</p> <p>VLTLRARPPS EGEFIDCFQK IKLAINLLAK LQKHIQNPSA AELVHFLFGP LDLIVNTCSG</p> <p>PDIARSVSCP LLSRDAVDLF RGHLVPKEMS LWESLGESWM RPRSEWPREP QVPLYVPKFH</p> <p>SGWEPPVDVL QEAPWEVEGL ASAPIEEVSP VSRQSIRNSQ KHSPTSEPTP PGDALPPVSS</p> <p>PHTHRGYQPT PAMAKYVKIL YDFTARNANE LSVLKDEVLE VLEDGRQWWK LRSRSGQAGY</p> <p>VPCNILGEAR PEDAGAPFEQ AGQKYWGPAS PTHKLPPSFP GNKDELMQHM DEVNDELIRK</p> <p>ISNIRAQPQR HFRVERSQPV SQPLTYESGP DEVRAWLEAK AFSPRIVENL GILTPQLFS</p> <p>LNKEELKKVC GEEGVRVYSQ LTMQKAFLEK QQSGSELEEL MNKFHSMNQR RGEDS Sequence</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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:	<p>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. In the cochlea, is required for stereocilia maintenance in adult hair cells (By similarity). {ECO:0000250 UniProtKB:Q99K30, ECO:0000269 PubMed:14565974}.</p>
Molecular Weight:	80.6 kDa

Target Details

UniProt: [Q9H6S3](#)

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