

Datasheet for ABIN7561652

EXTL1 Protein (AA 1-669) (His tag)



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Overview

Quantity:	1 mg
Target:	EXTL1
Protein Characteristics:	AA 1-669
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EXTL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Extl1 Protein expressed in mammalien cells.
Sequence:	MLWRRKSFWL ALSAFWLLL LLGVFPLRLA VLPGLPGRS QGWPRWLDAA FLQSFSQSET NPEDVAQLPR VSRGSSCTWG ACFDTSKCRG KVLKIFVHSP AGPTSEAQRR ILDSLEGSRY SALSPADACL LLFLPSQDRR GACGPLPPNW NGGRNHLVLS LYPAPCTRLG QAMVAEASPS SDIFRPGFDL ALPYLPEAHP LRGGAPGKLQ QHSPQPATL LAVAEEKGRW RITSTHASAC LWDRHCEQDP GPQQTYPGET LPNATFCLIP GHR SATSCFL QALQAGCIPV LLSPRWELPF SEVIDWTKAA IADERLPLQ VLAALREMLP SRVLALRQQT QFLWTAYFSS VEKVIHTTLE IIQDRIWGAS GHPSLMWN SP PGALLALPTF STSLQDFPFY HLQLGSGPGS SFSAVI WVGA SGESLLKLIQ EVAGSRHCAQ ILILWNSEKL PPDRWPETAV PLTVIKGHRK VSNRFFPYSN ISTNVILSLD AQSTLSTSEV DFAFVWQSF PERMVGF LSG SHFWDEA QGG WGYRTGMTNE FSMVLTTAAF YHRYHTLFT HSLPKALRTI ADETPTCVDV LMNFLVATVT KLPPIKVPYG RQHPEAVPMD SGDPRPVPEP QPLDQDCINR LAAGFGHMPL VSSQVRLDPV LFKDPVSVQR

KKYRSLEKP 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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

EXTL1

Alternative Name:

Extl1 ([EXTL1 Products](#))

Background:

Exostosin-like 1 (EC 2.4.1.224) (Exostosin-L) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Multiple exostosin-like protein),FUNCTION: Glycosyltransferase required for the biosynthesis of heparan-sulfate (HS). Transfers N-acetyl-alpha-D-glucosamine to the nascent HS chain (GlcNAcT-II activity). Appears to lack GlcNAcT I and GlcAT-II activities. {ECO:0000250|UniProtKB:Q92935}.

Molecular Weight:

74.1 kDa

UniProt:

[Q9JKV7](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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