

Datasheet for ABIN7547508  
**EXTL1 Protein (AA 1-676) (His tag)**



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## Overview

Quantity:	1 mg
Target:	EXTL1
Protein Characteristics:	AA 1-676
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EXTL1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant EXTL1 Protein expressed in mammalian cells.
Sequence:	<p>MQSWRRRKSL WLALSASWLL LVLLGGFSL LRLALPPRPRP GASQGWPRWL DAELLQSFSQ</p> <p>PGELPEDAVS PPQAPHGGSC NWESCFDTSK CRGDGLKV FV YPAVGTISET HRRILASIEG</p> <p>SRFYTFSPAG ACLLLLLSLD AQTGECSSMP LQWNRGRNHL VLRLHPAPCP RTFQLGQAMV</p> <p>AEASPTVDSF RPGFDVALPF LPEAHPLRGG APGQLRQHSP QPGVALLALE EERGGWRTAD</p> <p>TGSSACPWDG RCEQDPGPGQ TQRQETLPNA TFCLISGHRP EAASRFLQAL QAGCIPVLLS</p> <p>PRWELPFSEV IDWTKAAIVA DERLPLQVLA ALQEMSPARV LALRQQTQFL WDAYFSSVEK</p> <p>VIHTTLEVIQ DRIFGTS AHP SLLWNSPPGA LLALSTFSTS PQDFPFYYLQ QGSRPEGRFS</p> <p>ALIWVGPPGQ PPLKLIQAVA GSQHCAQILV LWSNERPLPS RWPETA VPLT VIDGHRKVSD</p> <p>RFYPYSTIRT DAILSLDARS SLSTSEVDFA FLVWQS FPER MVGFLTSSH F WDEAHGGWGY</p> <p>TAERTNEFSM VLTAAFYHR YYHTLFTHSL PKALRTL ADE APTCVDVLMN FIVAAVTKLP</p> <p>PIKVPY GKQR QEAAPLAPGG PGPRPKPPAP APDCINQIAA AFGHMP LLS RLRLDPVLFK</p> <p>DPVSVQRKKY RSLEKP <b>Sequence without tag. The proposed Purification-Tag is based on</b></p>

**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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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:	EXTL1
Alternative Name:	EXTL1 ( <a href="#">EXTL1 Products</a> )
Background:	<p>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) (PubMed:11390981). Transfers N-acetyl-alpha-D-glucosamine to the nascent HS chain (GlcNAcT-II activity) (PubMed:11390981). Appears to lack GlcNAcT I and GlcAT-II activities (PubMed:11390981). {ECO:0000269 PubMed:11390981}.</p>
Molecular Weight:	74.7 kDa
UniProt:	<a href="#">Q92935</a>

## 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