

Recombinant Full Length Human EXTL2 Protein, Flag-tagged

Cat. No. EXTL2-4451HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human exostoses (multiple)-like 2 (EXTL2), transcript variant 1 with C-terminal DDK/His tag, expressed in human cells.
Species	Human
Source	HEK293
Protein Length	Full length
Description	Glycosyltransferase required for the biosynthesis of heparan-sulfate and responsible for the alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-acetylglucosamine (GlcNAc) units to nascent heparan sulfate chains.
Molecular Mass	37.3 kDa
AA Sequence	MRCCHICKLPGRVMGIRVLRSLVVLVLLL VAGALTALLPSVKEDKMLMLRREIKSQ GKSTMDSFTLIMQTYNRTDLLLKLNNHYQAVPNLHKVIVVWNNIGEKAPDELWNSLG PHPIPVIFKQQTANRMRNRLQVFPELETNAVLMVDDDTLISTTDLVFAFSVWQQFPD QIVGFVPRKHVSTSSGIYSYGSFEMQAPGSGNGDQYSMVLGASFFNSKYLELFQR QPAAVHALIDDTQNCDDIAMNFIIAKHIGKTS GIVKPVNMDNLEKETNSGYSGMWH RAEHALQRSYCINKLVNIYDSMPLRYSNIMISQFGFPYANYKRKITRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
GENE INFORMATION	
Gene Name	EXTL2 exostosin like glycosyltransferase 2 [Homo sapiens (human)]
Official Symbol	EXTL2
Synonyms	EXTL2; exostosin like glycosyltransferase 2; EXTR2; exostosin-like 2; EXT-related protein 2; alpha-1,4-N-acetylhexosaminyltransferase EXTL2; alpha-GalNAcT EXTL2; exostoses (multiple)-like 2; glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; processed exostosin-like 2; EC 2.4.1.223
Gene ID	2135
mRNA Refseq	NM_001439
Protein Refseq	NP_001430
MIM	602411

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UniProt ID

Q9UBQ6

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