

Product datasheet for **TP307406L**

EXTL2 (NM_001439) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human exostos (multiple)-like 2 (EXTL2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207406 protein sequence Red =Cloning site Green =Tags(s)

MRCCHICKLPGRVMGIRVLRSLVILVLLVAGALTALLPSVKEDKMLMLRREIKSQGKSTMDSFTLIM
QTYNRTDLLLKLLNHYQAVPNLHKVIVWNNIGEKAPDELWNSLGPHPIPVIKQQTANRMRNRLQVFPE
LETNAVLMVDDDTLISTTDLVFAFSVWQQFPDQIVGFVPRKHVSTSSGIYSYGSFEMQAPGSGNGDQYSM
VLIGASFFNSKYLELFQRQPAAVHALIDDTQNCDDIAMNFIAKHIGKTSIGFVKPVNMDNLEKETNSGY
SGMWHRAEHALQRSYCKLNIYDSMPLRYSNIMISQFGFPYANYKRKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	37.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001430</u>
Locus ID:	2135



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UniProt ID: [Q9UBQ6](#)

RefSeq Size: 3217

Cytogenetics: 1p21.2

RefSeq ORF: 990

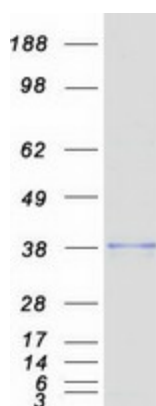
Synonyms: EXTR2

Summary: 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Protein Pathways: Heparan sulfate biosynthesis

Product images:



Coomassie blue staining of purified EXTL2 protein (Cat# [TP307406]). The protein was produced from HEK293T cells transfected with EXTL2 cDNA clone (Cat# [RC207406]) using MegaTran 2.0 (Cat# [TT210002]).