

Product datasheet for PH307406

EXTL2 (NM_001439) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EXTL2 MS Standard C13 and N15-labeled recombinant protein (NP_001430)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207406
Predicted MW:	37.5 kDa
Protein Sequence:	>RC207406 protein sequence Red=Cloning site Green=Tags(s)
	MRCCHICKLPGRVMGIRVLRSLVILVLLL VAGALTALLPSVKEDKMLMLRREIKSQGKSTMSFTLIM QTYNRTDLLLKLNNHYQAVPNLHKVIVVWNNIGEKAPDELWNSLGPHPIPVIKQQTANRMRNLQVFPE LETNAVLMVDDDTLISTTDLVFAFSVWQQFPDQIVGFVPRKHVSTSSGIYSYGSFEMQAPGSGNGDQYSM VLIGASFFNSKYLELFQRQPAAVHALIDDTQNCDDIAMNFIIAKHIGKTSGIFVKPVNMDNLEKETNSGY SGMWHRAEHALQRSYCINKLVNIYDSMPLRYSNIMISQFGFPYANYKRKI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001430</u>
RefSeq Size:	3217
RefSeq ORF:	990
Synonyms:	EXTR2
Locus ID:	2135



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UniProt ID: [Q9UBQ6](#)

Cytogenetics: 1p21.2

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]).