

Recombinant Human EXTL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EXTL2-1003H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EXTL2 MS Standard C13 and N15-labeled recombinant protein (NP_001430) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	EXTL2 (Exostosin Like Glycosyltransferase 2) is a Protein Coding gene. Diseases as sociated with EXTL2 include Hereditary Multiple Exostoses and Breast Pericanalicular Fibroadenoma. Among its related pathways are Metabolism and heparan sulfate bios ynthesis. Gene Ontology (GO) annotations related to this gene include transferase ac tivity, transferring hexosyl groups and alpha-1,4-N-acetylgalactosaminyltransferase ac tivity. An important paralog of this gene is EXT1.
Molecular Mass	37.5 kDa
AA Sequence	MRCCHICKLPGRVMGIRVLRSLVVLVLLL VAGALTALLPSVKEDKMLMLRREIKSQ GKSTMDSFTLIMQTYNRTDLLLKLNNHYQAVPNLHKVIVVWNNIGEKAPDELWNSLG PHPIPVIFKQQTANRMRNRLQVFPELETNAVLMVDDDTLISTTDLVFAFSVWQQFPD QIVGFVPRKHVSTSSGIYSYGSFEMQAPGSGNGDQYSMLIGASFFNSKYLELFQR QPAAVHALIDDTQNCDDIAMNFIIAKHIGKTS GIFVKPVNMDNLEKETNSGYSGMWH RAEHALQRSYCINKLVNIYDSMPLRYSNIMISQFGFPYANYKRKITRTRPLEQKLISEE DLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EXTL2 exostosin like glycosyltransferase 2 [Homo sapiens (human)]
Official Symbol	EXTL2
Synonyms	EXTL2; exostoses (multiple)-like 2; exostosin-like 2; alpha 1; 4 N acetylhexosaminyltransferase; alpha-GalNAcT EXTL2; EXT-related protein 2; processed exostosin-like 2; alpha-1,4-N-acetylhexosaminyltransferase; alpha-1,4-N-acetylhexosaminyltransferase EXTL2; glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; EXTR2;
Gene ID	2135
mRNA Refseq	NM_001439
Protein Refseq	NP_001430
MIM	602411

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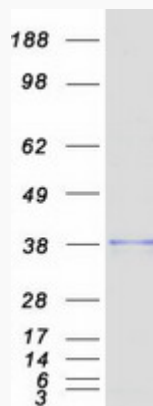
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UniProt ID

Q9UBQ6

SDS-PAGE

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