

Recombinant Mouse Extl2 Protein, Myc/DDK-tagged

Cat. No. Extl2-2897M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length exostosins (multiple)-like 2 (Extl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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	37.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Extl2 exostosin-like glycosyltransferase 2 [Mus musculus (house mouse)]
Official Symbol	Extl2
Synonyms	EXTL2; exostosin-like 2; exostosin-like 2; exostosin-like 2; alpha-GalNAcT EXTL2; EXT-related protein 2; exostosin-like 2; alpha-1,4-N- acetylhexosaminyltransferase EXTL2; glucuronyl-galactosyl-proteoglycan 4-alpha-N- acetylglucosaminyltransferase; AW146439; 3000001D04Rik
Gene ID	58193
mRNA Refseq	NM_021388
Protein Refseq	NP_067363
UniProt ID	Q9ES89

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