

Recombinant Mouse Extl2 Protein (Asn43-Met330), N-His tagged

Cat. No. Extl2-5458M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Extl2 (Asn43-Met330) fused with the N-terminus His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Asn43-Met330
Description	Enables acetylgalactosaminyltransferase activity; glycosaminoglycan binding activity; and manganese ion binding activity. Involved in N-acetylglucosamine metabolic process and UDP-N-acetylgalactosamine metabolic process. Predicted to be located in cytosol; endoplasmic reticulum; and nucleoplasm. Is expressed in several structures, including central nervous system; genitourinary system; liver; lung; and spleen. Orthologous to human EXTL2 (exostosin like glycosyltransferase 2).
Form	Lyophilized powder/frozen liquid
Molecular Mass	31.68 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	Extl2 exostosin-like glycosyltransferase 2 [Mus musculus (house mouse)]
Official Symbol	Extl2
Synonyms	Extl2; exostosin-like glycosyltransferase 2; 3000001D04Rik; exostosin-like 2; EXT-related protein 2; alpha-1, 4-N-acetylhexosaminyltransferase EXTL2; alpha-GalNAcT EXTL2; exostoses (multiple)-like 2; exostoses-like 2; exotoses (multiple)-like 2; glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; EC 2.4.1.223
Gene ID	58193
mRNA Refseq	NM_021388
Protein Refseq	NP_067363
UniProt ID	Q9ES89