Recombinant Human EXTL3 Protein, GST-tagged

Cat. No. EXTL3-3589H **Lot. No.** (See product label)

SPECIFICATION

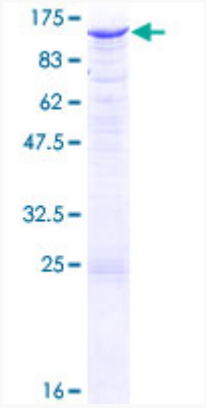
Product Overview	Human EXTL3 full-length ORF (NP_001431.1, 1 a.a. - 919 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a single-pass membrane protein which functions as a glycosyltransferase. The encoded protein catalyzes the transfer of N-acetylglucosamine to glycosaminoglycan chains. This reaction is important in heparin and heparan sulfate synthesis. Alternative splicing results in the multiple transcript variants. [provided by RefSeq, Nov 2012]
Molecular Mass	131.1 kDa
AA Sequence	MTGYTMLRNGGAGNGGQTCMLRWSNRIRLTWLSFTLFVILVFFPLIAHYYLTTLDEA DEAGKRIFGPRVGNELCEVKHVLDLCRIRESVSEELLQLEAKRQELNSEIAKLNLKIEA CKKSIENAKQDLLQLKNVISQTEHSYKELMAQNQPKLSLPIRLLPEKDDAGLPPPKAT RGCRLHNCFDYSRCPLTSGFPVYVYDSDQFVFGSYLDPLVKQAFQATARANVYVTE NADIACLYVILVGEMQEPVVLRPAELEKQLYSLPHWRTDGHNHVIINLSRKSDTQNLL YNVSTGRAMVAQSTFYTVQYRPGFDLVVSPLVHAMSEPNFMEIPPQVPVKRKYLFT FQGEKIESLRSSLQEARSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTCK NQPKPSLPTEWALCGEREDRLELLKLSTFALIITPGDPRLVISSGCATRLFEALEVGA VPVVLGEQVQLPYQDMLQWNEAALVVPKPRVTEVHFLLRSLSDSDLLAMRRQGRFL

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	WETYFSTADSIFNTVLAMIRTRIQIPAAPIREEAAAEIPHRSGKAAGTDPNMADNGDL DLGPVETEPPYASPRYLRNFTLTVTDFYRSWNCAPGPFHLFPHTPFDPVLPSEAKFL GSGTGFRPIGGGAGGSGKEFQAALGGNVPREQFTVVMLTYEREEVLMNSLERLNG LPYLNKVVVVWNSPKLPSEDLLWPDIGVPIMVVRTEKNSLNNRFLPWNEIETEAILSI DDDAHLRHDEIMFGFRVVWREARDRIVGFPGRYHAWDIPHQSWLYNSNYSCELSMV LTGAAFFHKYYAYLYSYVMPQAIRDMVDEYINCEDIAMNFLVSHITRKPPIKVTSRWT FRCPGCPQALSHDDSHFHERHKCINFFVKVYGYMPLLYTQFRVDSVLFKTRLPHDK TKCFKFI	
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array	
Notes	Best use within three months from the date of receipt of this protein.	
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.	
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.	

GENE INFORMATION

Gene Name	EXTL3 exostoses (multiple)-like 3 [Homo sapiens]
Official Symbol	EXTL3
Synonyms	EXTL3; exostoses (multiple)-like 3; exostosin-like 3; botv; REG receptor; REGR; reg receptor; EXT-related protein 1; multiple exostosis-like protein 3; putative tumor suppressor protein EXTL3; hereditary multiple exostoses gene isolog; glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; REG; RPR; BOTV; EXTR1; KIAA0519; DKFZp686C2342;

Gene ID	2137
mRNA Refseq	NM_001440
Protein Refseq	NP_001431
MIM	605744
UniProt ID	O43909
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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