

Product datasheet for **TP762062**

EXT1 (NM_000127) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human exostosin 1 (EXT1),Glu205-Leu335, with N-terminal His-ABP tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Glu205-Leu335) of EXT1
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	30.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000118
Locus ID:	2131
UniProt ID:	Q16394
RefSeq Size:	3376
Cytogenetics:	8q24.11
RefSeq ORF:	2238
Synonyms:	EXT; LGCR; LGS; TRPS2; TTV



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Summary: This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Heparan sulfate biosynthesis, Metabolic pathways

Product images:

