

Product datasheet for **TP701107**

XYLT1 (NM_022166) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human xylosyltransferase I (XYLT1), full length, with C-terminal His tag, secretory expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC222133, full length of XYLT1
Tag:	C-HIS
Predicted MW:	108.9kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
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_071449
Locus ID:	64131
UniProt ID:	Q86Y38
RefSeq Size:	4178
Cytogenetics:	16p12.3
RefSeq ORF:	2877
Synonyms:	DBQD2; PXYLT1; XT-I; XT1; XTl; xyIT-I; XYLTl



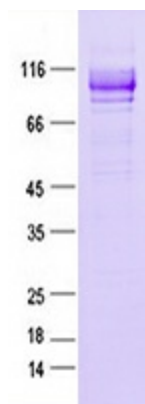
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Summary: This locus encodes a xylosyltransferase enzyme. The encoded protein catalyzes transfer of UDP-xylose to serine residues of an acceptor protein substrate. This transfer reaction is necessary for biosynthesis of glycosaminoglycan chains. Mutations in this gene have been associated with increased severity of pseudoxanthoma elasticum.[provided by RefSeq, Nov 2009]

Protein Families: Transmembrane

Protein Pathways: Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways

Product images:



Purified recombinant protein XYLT1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.