

Product datasheet for TP762548

OriGene Technologies, Inc.

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ACPL2 (PXYLP1) (NM_152282) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human acid phosphatase-like 2 (ACPL2), transcript variant 1,

50ug

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

A DNA sequence encoding the region full length of ACPL2

Tag: N-GST and C-HIS

Predicted MW: 55.2 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 50mM Tris, pH8.0, 8M Urea

Storage: Store at -80°C after receiving vials.

Stability: Stable for at least 1 year from receipt of products under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 689495

Locus ID: 92370

 UniProt ID:
 Q8TE99, B7Z3R9, Q9NT50

RefSeq Size: 3455 Cytogenetics: 3q23 RefSeq ORF: 1440

Synonyms: ACPL2; HEL124; XYLP





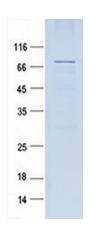
Summary:

Responsible for the 2-O-dephosphorylation of xylose in the glycosaminoglycan-protein linkage region of proteoglycans thereby regulating the amount of mature glycosaminoglycan (GAG) chains. Sulfated glycosaminoglycans (GAGs), including heparan sulfate and chondroitin sulfate, are synthesized on the so-called common GAG-protein linkage region (GlcUAbeta1-3Galbeta1-3Galbeta1-4Xylbeta1-O-Ser) of core proteins, which is formed by the stepwise addition of monosaccharide residues by the respective specific glycosyltransferases. Xylose 2-O-dephosphorylation during completion of linkage region formation is a prerequisite for the initiation and efficient elongation of the repeating disaccharide region of GAG chains. [UniProtKB/Swiss-Prot Function]

Protein Families:

Transmembrane

Product images:



Coomassie blue staining of purified ACPL2 protein (Cat #TP762548). The protein was produced from E.coli.