

Product datasheet for **TP727145**

ACYP2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Acylphosphate Phosphohydrolase 2/ACYP2 (N-GST)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser2-Tyr99
Tag:	N-GST
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Acylphosphate phosphohydrolase 2 is produced by our E.coli expression system and the target gene encoding Ser2-Tyr99 is expressed with a GST tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	98
UniProt ID:	P14621
Summary:	ACYP2, also known as Acylphosphatase-2, is a protein which belongs to the acylphosphatase family. ACYP2 contains one acylphosphatase-like domain. ACYP2 plays an important role in hydrolyzing the phosphoenzyme intermediate of different membrane pumps, particularly the Ca ²⁺ /Mg ²⁺ -ATPase from sarcoplasmic reticulum of skeletal muscle. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase on the basis of their tissue localization. This gene encodes the muscle-type isoform (MT). An increase of the MT isoform is associated with muscle differentiation.



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