

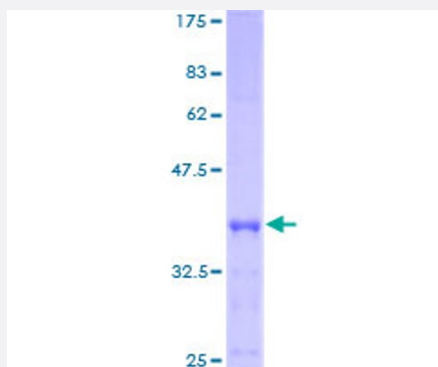
Full-Length

ACYP1 (Human) Recombinant Protein (P01)

Catalog # H00000097-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ACYP1 full-length ORF (AAH35568, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAEGNTLISVDYEIFGKVQGVFFRKHTQAEKKLGLVGWVQNTDRGTVGGQLQGPISKVRHMQE WLETRGSPKSHIDKANFNNEKVLKLDYSDFQVK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (91); Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ACYP1

Entrez GeneID [97](#)

GeneBank Accession# [BC035568](#)

Protein Accession# [AAH35568](#)

Gene Name ACYP1

Gene Alias ACYPE

Gene Description acylphosphatase 1, erythrocyte (common) type

Omim ID [600875](#)

Gene Ontology [Hyperlink](#)

Gene Summary Acylphosphatase is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase, on the basis of their tissue localization. This gene encodes the erythrocyte acylphosphatase isoenzyme. Alternatively spliced transcript variants that encode different proteins were identified through data analysis. [provided by RefSeq]

Other Designations erythrocyte acylphosphatase 1

Pathway

- [Benzoate degradation via CoA ligation](#)

- [Pyruvate metabolism](#)