

Lipoyltransferase 1, mitochondrial (LIPT1) Recombinant Protein | LIPT1 recombinant protein

Recombinant Human Lipoyltransferase 1, mitochondrial (LIPT1)

CATALOG #
AAA117059

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Lipoyltransferase 1; mitochondrial (LIPT1); Recombinant Human Lipoyltransferase 1; LIPT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	26-373aa; Full Length of Mature Protein
Sequence	KTVKNGILQ SISNDVYQNL AVEDWIHDHM NLEGKPILFF WQNSPSVVG RHQNPWQECN LNLMREEGK LARRRSGGGT VYHDMGNINL TFFTTKKKYD RMENLKLIVR ALNAVQPQLD VQATKRFDLL LDGQFKISGT ASKIGRTTAY HHCTLLCSTD GTFLSSLKS PYQGIRSNAT ASIPSLVKNL LEKDPTLTCE VLMNAVATEY AAYHQIDNHI HLINPTDETL FPGINSKAKE LQTWEWIYGK TPKFSINTSF HVLYEQSHLE IKVFIDIKNG RIEICNIEAP DHWLPLEIRD KLNSSLIGSK FCPTETTMLT NILLRTCPQD HKLNSKWNIL CEKIKGIM
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for LIPT1 recombinant protein	The process of transferring lipoic acid to proteins is a two-step process. The first step is the activation of lipoic acid by lipoate-activating enzyme to form lipoyl-AMP. For the second step, This protein transfers the lipoyl moiety to apoproteins. Alternative splicing in the 5' UTR of this gene results in five transcript variants that encode the same protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325651943
NCBI GeneID	51601
NCBI Accession #	NP_001191759.1
NCBI GenBank Nucleotide #	NM_001204830.1
UniProt Accession #	Q9Y234; Q4ZFZ1
Molecular Weight	42,479 Da
NCBI Official Full Name	lipoyltransferase 1, mitochondrial
NCBI Official Synonym Full Names	lipoyltransferase 1
NCBI Official Symbol	LIPT1

NCBI Official Synonym Symbols	LIPT1D
NCBI Protein Information	lipoyltransferase 1, mitochondrial
UniProt Protein Name	Lipoyltransferase 1, mitochondrial
UniProt Gene Name	LIPT1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lipt1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117059>