

Alpha-tocopherol transfer protein (TPPA) Recombinant Protein | TPPA recombinant protein

Recombinant Human Alpha-tocopherol transfer protein (TPPA)

CATALOG # AAA114046	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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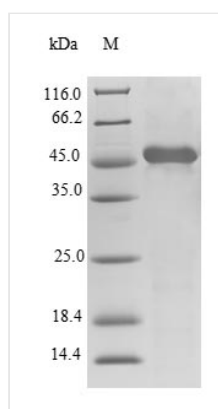
PRODUCT SYNONYMS

Alpha-tocopherol transfer protein (TPPA); Recombinant Human Alpha-tocopherol transfer protein (TPPA); Alpha-tocopherol transfer protein; Alpha-TTP; TPPA 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	1-278aa; Full Length
Sequence	MAEARSQPSA GPQLNALPDH SPLLPGLAA LRRRAREAGV PLAPLPLTDS FLLRFLRARD FDLDLAWRL KNYYKWRAEC PEISADLHPR SIIGLLKAGY HGVLRSDPT GSKVLIYRIA HWDPKVFTAY DVFRVSLITS ELIVQEVETQ RNGIKAIFDL EGWQFSAFQ ITPSVAKKIA AVLTDSFPLK VRGIHLINEP VIFHAVFSMI KPFLTEKIKE RIHMHGNNYK QSLQHFDPD LPLEYGGEEF SMEDICQEWTF NFIMKSEDYL SSISESIQ
Species	Homo sapiens (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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TPPA recombinant protein	Binds alpha-tocopherol, enhances its transfer between separate membranes, and stimulates its release from liver cells (PubMed:7887897). Binds both phosphatidylinol 3,4-bisphosphate and phosphatidylinol 4,5-bisphosphate; the resulting conformation change is important for the release of the bound alpha-tocopherol (By similarity).
Product Categories/Family for TPPA recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507723
NCBI GeneID	7274
NCBI Accession #	NP_000361.1
NCBI GenBank Nucleotide #	NM_000370.3
UniProt Accession #	P49638; Q71V64
Molecular Weight	47.7 kDa
NCBI Official Full Name	alpha-tocopherol transfer protein
NCBI Official Synonym Full Names	tocopherol (alpha) transfer protein
NCBI Official Symbol	TTPA
NCBI Official Synonym Symbols	ATTP; AVED; TTP1; alphaTTP
NCBI Protein Information	alpha-tocopherol transfer protein; alpha-TTP; tocopherol (alpha) transfer protein (ataxia (Friedreich-like) with vitamin E deficiency)
UniProt Protein Name	Alpha-tocopherol transfer protein
UniProt Gene Name	TTPA
UniProt Synonym Gene Names	TPP1; Alpha-TTP
UniProt Entry Name	TTPA_HUMAN

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://www.aaabiotech.com/tpa-recombinant-protein-e-coli114046>