

Mercaptopyruvate Sulfurtransferase (MPST) Recombinant Protein | MPST recombinant protein

Recombinant Mercaptopyruvate Sulfurtransferase (MPST)

CATALOG # AAA134318	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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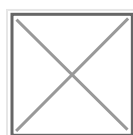
PRODUCT SYNONYMS

Mercaptopyruvate Sulfurtransferase (MPST); Recombinant Mercaptopyruvate Sulfurtransferase (MPST); MPST recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thesequenc eofthetarg etproteini slistedel ow.RTSPYDH MLPGAEHFAE YAGRLGVGAA THVVIYDASD QGLYSAPRVW WMFRAFGHHA VSLLDGGLRH WLRQNLPLSS GKSQPAPAEF RAQLDPAFIK TYEDIKENLE SRRFQVVDSR ATGRFRGTEP EPRDGIEPGH IPGTVNIPFT DFLSQEGLEK SPEIRHLFQ EKKVDLSKPL VATCGSGVTA CHVALGAYLC GKPDVPIYDG SWVE
Sequence Length	297
Applicable Applications for MPST recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Arg68~Glu278 (Accession # P25325) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cytoplasm. Mitochondrion. Cell junction, synapse, synaptosome
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.5
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	61835204
NCBI GeneID	4357
NCBI Accession #	NP_001013454.1
NCBI GenBank Nucleotide #	NM_001013436.2
UniProt Accession #	P25325; O75750
Molecular Weight	52.6kDa
NCBI Official Full Name	3-mercaptopyruvate sulfurtransferase isoform 2
NCBI Official Synonym Full Names	mercaptopyruvate sulfurtransferase
NCBI Official Symbol	MPST
NCBI Official Synonym Symbols	MST; TST2
NCBI Protein Information	3-mercaptopyruvate sulfurtransferase; human liver rhodanese
UniProt Protein Name	3-mercaptopyruvate sulfurtransferase
UniProt Gene Name	MPST
UniProt Synonym Gene Names	TST2; MST
UniProt Entry Name	THTM_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://stage.aaabiotech.com/mpst-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134318>