

# Human MPST Recombinant Protein



RPPB5820

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## Product Information    Protein Information

**Product SKU:**

RPPB5820

**Accession:**

P25325

**Host:**

Escherichia Coli.

**Protein description:**

MPST Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 321 amino acids (1-297) and having a molecular mass of 35kDa. MPST is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

3-mercaptopyruvate sulfurtransferase, MST, MPST, TST2.

**Formulation:**

The MPST solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSHPASPQL CRALVSAQWV AEALRAPRAG QPLQLLDASW YLPKLGRDAR  
REFEERHIPG AAFFDIDQCS DRTSPYDHML PGAEHFAEYA GRLGVGAATH VVIYDASDQG LYSAPRVWWM  
FRAFGHHA VS LLDGGLRH WL RQNLPLSSGK SQPAPAEFRA QLDPAFIKY EDIKENLESR RFQVVDSRAT  
GRFRGTEPEP RDGIEPGHIP GTVNIPFTDF LSQEGLEKSP EEIRHLFQEK KVDLSKPLVA TCGSGVTACH  
VALGAYLCGK PDVPIYDGSW VEWYMRARPE DVISEGRGKT H.