

Mercaptopyruvate Sulfurtransferase Human Recombinant

Item Number	rAP-2011
Synonyms	3-mercaptopyruvate sulfurtransferase, MST, MPST, TST2.
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.
Uniprot Accession Number	P25325
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPASPQL CRALVSAQWV AEALRAPRAG QPLQLLDASW YLPKLRDAR REFEERHIPG AAFDIDQCS DRTSPYDHML PGAEHFAEYA GRLVGAATH VVI-YDASDQG LYSAPRVVWM FRAFGHHA VS LLDGGLRH WL RQNLPLSSGK SQPAPAEFRA QLDPAFIKTY EDIKENLESR RFQVVDSRAT GRFRGTEPEP RDGIEPGHIP GTVNIPFTDF LSQEGLEKSP EEIRHLFQEK KVDLSKPLVA TCGSGVTACH VALGAYLGGK PDVPIYDGSW VEWMYRARP E DVISEGRGKT H.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The MPST solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**