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DATA SHEET

Phosphoadenosine phosphosulfate reductase E.Coli Recombinant

Item Number	rAP-1766
Synonyms	Phosphoadenosine phosphosulfate reductase, 3'-phosphoadenylylsulfate reductase, PAPS reductase, thioredoxin dependent, PAPS sulfotransferase, PAdoPS reductase, cysH, b2762, JW2732.
Description	CYSH produced in E.Coli is a single, non-glycosylated polypeptide chain containing 264 amino acids (1-244 a.a.) and having a molecular mass of 30.1kDa.CYSH is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P17854
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSKLDLNALN ELPKVDRILA LAETNAELEK LDAEGRVAWA LDNLPGEYVL SSSFGIQAAV SLHLVNQIRP DIPVILTDTG YLFPETYRFI DELTDKLKLN LKVYRATESA AWQEARYGKL WEQGVEGIEK YNDINKVEPM NRALKELNAQ TWFAGLRREQ SGSRANLPVL AI-QRGVFKVL PIIDWDNRTI YQYLQKHGLK YHPLWDEGYL SVGDTHTTRK WEPGMAEEET RFFGLKRECG LHEG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. CYSH E.Coli Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	CYSH protein solution (0.5mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM NaCl. Greater than 90.0% 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