

6-PyruvoylTetrahydropterin Synthase Human Recombinant

Item Number	rAP-1843
Synonyms	PTP Synthase, 6-Pyruvoyl Tetrahydropterin Synthase, PTPS, PTS, FLJ97081.
Description	6-PyruvoylTetrahydropterin Synthase Human Recombinant produced in e.coli is a single, non-glycosylated polypeptide chain containing 165 amino acids (1-145) and having a molecular mass of 18.5kDa. 6-PyruvoylTetrahydropterin Synthase is fused to a 20 amino acid His Tag at N-terminus and purified using
Uniprot Accesion Number	Q03393
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSTEGGGRRRC QAQVSRRI SF SASHRLYSKF LSDEENLKL F GKCNPNNGHG HNYKVVVTVH GEIDPATGMV MNLADLKKYM EEAIMQPLDH KNLDMDVPYF ADVVST- TENV AVYIWDNLQK VLPVGVLYKV KVYETDNNIV VYKGE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	6-PyruvoylTetrahydropterin Synthase is formulated in 20mM Tris-HCl buffer pH-8, 1mM DTT and 20% glycerol. Greater than 95.0% as determined by Analysis 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**