

Protein Tyrosine Phosphatase Type IVA Member 1 Human Recombinant

Item Number	rAP-1504
Synonyms	Protein tyrosine phosphatase type IVA 1, PTP(CAAXI), Protein-tyrosine phosphatase 4a1, Protein-tyrosine phosphatase of regenerating liver 1, PRL-1, PTP4A1, PRL1, PTPCAAX1, HH72, DKFZp779M0721.
Description	PTP4A1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 190 amino acids (1-170 a.a.) and having a molecular mass of 21.6kDa. The PTP4A1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q93096
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MARMNRPAPV EVTYKNMRFL ITHNPTNATL NKFIEELKKY GVTTIVRVCE ATYDTTLVEK EGIHVLDPWF DDGAPPSNQI VDDWLSLVKI KFREEPGCCI AVHCVAGLGR APVLVALALI EGGMKYEDAV QFIRQKRRGA FNSKQLLYLE KYRPKMRLRF KDSN- GHRNNC.
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	The PTP4A1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. 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**