

Protein Tyrosine Phosphatase Type IVA Member 2 Human Recombinant

Item Number	rAP-1546
Synonyms	HH13, HH7-2, HU-PP-1, OV-1, PRL-2, PRL2, ptp-IV1a, ptp-IV1b, PTP4A, PTPCAAX2.
Description	Recombinant Human PTP4A2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-167 a.a.) and having a molecular mass of 23.2 kDa. PTP4A2 is fused to a 36 amino acid His-Tag at N-Terminus and purified by conventional chromatography techniques.
Uniprot Accession Number	Q12974
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNRP APVEISYENM RFLITHNPTN ATLNK-FTEEL KKYGVTTTLVR VCDATYDKAPVEKEGIVLD WPFDDGAPPP NQIVDDWLN LKTKFREEPG CCVAVHCVAG LGRAPVLVAL ALIECGMKYE DAVQFIRQKR RGAFNSKQLL YLEKYRPKMR LRFRDTNGHC CVQ.
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 PTP4A2 (0.5mg/ml) protein solution contains 20mM Tris-HCl, pH-8, 1mM EDTA and 10% Glycerol. 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**