

32-2768: PTP4A2 Recombinant Protein

Alternative Name : HH13,HH7-2,HU-PP-1,OV-1,PRL-2,PRL2,ptp-IV1a,ptp-IV1b,PTP4A,PTPCAAX2.

Description

Source : Escherichia Coli. 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. PTP4A2 is part of a small class of the protein tyrosine phosphatase (PTP) family. PTP4A2 is localized to the early endosome that take part in a variety of cellular activities. PTP4A2 protein interacts with the beta-subunit of Rab geranylgeranyltransferase II (beta GGT II), therefore has a role as a regulator of GGT II activity. Overexpression of PTP4A2 in mammalian cells conferred a transformed phenotype, which suggested its role in tumorigenesis.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The PTP4A2 (0.5mg/ml) protein solution contains 20mM Tris-HCl, pH-8, 1mM EDTA and 10% Glycerol.
Storage condition :	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.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MNRP APVEISYENM RFLITHNPTN ATLNKFTEEL KKYGVTTLVR VCDATYDKAPVEKEGIHVLD WPFDDGAPPP NQIVDDWLNL LKTKFREEPG CCVAVHCVAG LGRAPVLVAL ALIECGMKYE DAVQFIRQKR RGAFNSKQLL YLEKYRPMR LRFRTNGHC CVQ.