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32-13001: PTPN4 Human

Alternative Name :	Protein Tyrosine Phosphatase, Non-Receptor Type 4 (Megakaryocyte), Protein-Tyrosine Phosphatase MEG1, PTPase-MEG1, EC 3.1.3.48, MEG, Tyrosine-Protein Phosphatase Non-Receptor Type 4, Megakaryocyte Protein-Tyrosine Phosphatase, Protein Tyrosine Phosphatase MEG1, Megakaryocyte Phosphatase, PTPMEG1, PTPMEG, Tyrosine-protein phosphatase non-receptor type 4, Protein-tyrosine phosphatase MEG1.

Description

Source: E.coli.
Sterile Filtered colorless solution.
Protein Tyrosine Phosphatase Non Receptor Type-4, also known as PTPN4 belongs to the protein tyrosine phosphatase, PTP family. PTPs are identified as signaling molecules which regulate a variety of cellular processes as well as cell growth, differentiation, mitotic cycle, and oncogenic transformation. PTPN4 is broadly expressed non-receptor protein tyrosine phosphatase. In addition, PTPN4 interacts with glutamate receptor delta 2 & epsilon, and affects glutamate receptors signaling and/or in regulation of their activities through tyrosine dephosphorylation.
PTPN4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 280 amino acids (655-913 a.a) and having a molecular mass of 32kDa. PTPN4 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	PTPN4 protein solution (1mg/ml) containing 20mM Tris buffer (pH 8.0) 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 :	MGSSHHHHHH SSGLVPRGSH MVLTQFDQLY RKKPGMTMSC AKLPQNISKN RYRDISPYDA TRVILKGNED YINANYINME IPSSSIINQY IACQGPLPHT CTDFWQMTWE QGSSMVVMLT TQVERGRVKC HQYWPEPTGS SSYGCYQVTC HSEEGNTAYI FRKMTLFNQE KNESRPLTQI QYIAWPDHGV PDDSSDFLDF VCHVRNKRAG KEEPVVVHCS AGIGRTGVLI TMETAMCLIE CNQPVYPLDI VRTMRDQRAM MIQTPSQYRF VCEAILKVYE.

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