

Human PTPN11 Recombinant Protein



RPPB2644

Product Information Protein Information

Product SKU:

RPPB2644

Accession:

Q06124

Host:

Sf9, Baculovirus cells.

Protein description:

PTPN11 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 469 amino acids (1-460a.a.) and having a molecular mass of 53.9kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). PTPN11 is expressed with an 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Protein Tyrosine Phosphatase, Non-Receptor Type 11, Protein-Tyrosine Phosphatase 1D, Protein-Tyrosine Phosphatase 2C, EC 3.1.3.48, SH-PTP2, SH-PTP3, PTP-1D, PTP-2C, PTP2C, SHP2, Tyrosine-Protein Phosphatase Non-Receptor Type 11, Noonan Syndrome 1, METCDS, SHPTP2, BPTP3, SHP-2, JMML, NS1, CFC, PTPN11.

Formulation:

PTPN11 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

ADPMTSRRWF HPNITGVEAE NLLLTRGVDG SFLARPSKSN PGDFTLSVRR NGAVTHIKIQ NTGDYYDLYG
GEKFATLAEV VQYYMEHHGQ LKEKNGDVIE LKYPLNCADP TSEWRFHGHV SGKEAEKLLT EKGKHGSFLV
RESQSHPGDF VLSVRTGDDK GESNDGKSKV THVMIRCQEL KYDVGGGERF DSLTDLVEHY KKNPMVETLG
TVLQKQPLN TTRINAAEIE SRVRELSKLA ETTDKVKQGF WEEFETLQQQ ECKLLYSRKE GQRQENKNKN
RYKNILPFDH TRVVLHDGDP NEPVSDYINA NIIMPEFETK CNNSKPKKSY IATQGCLQNT VDNFWRMVFQ
ENSRVIVMTT KEVERGKSKC VKYWPDEYAL KEYGVMRVRN VKESAAHDYT LRELKLSKVG QGNTERTVWQ
YHFRTWPDHG VPSDPGGVLD FLEEVHHKQE SIMDAGPVVV HCRHHHHHHH