

32-4503: Recombinant Human Proline-Rich Transmembrane Protein 2

Alternative Name : Proline-Rich Transmembrane Protein 2, Infantile Convulsions And Paroxysmal Choreoathetosis, Interferon Induced Transmembrane Protein Domain Containing 1, Dispanin Subfamily B Member 3, DSPB3, BFIC2, BFIS2, DYT10, EKD1, PKC, FICCA, IFITMD1, ICCA.

Description

Source : Escherichia Coli. PRRT2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (1-268) and having a molecular mass of 29.7 kDa. PRRT2 is fused to a 23 amino acid His-tag at N-terminus. Transmembrane protein PRRT2 holds a proline-rich domain in its N-terminal half. PRRT2 is known to be primarily expressed in brain and spinal cord in embryonic and postnatal stages. Alterations in this gene are the cause for paroxysmal kinesigenic dyskinesia. PRRT2 mutations were found in nearly 30% of sporadic PKC patients.

Product Info

Amount : 10 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The PRRT2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT 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 SSSLVPRGSH MGSMAASSSE ISEMKGVEES PKVPGEGPGH SEAETGPPQV
LAGVPDQPEA PQGPNNTAA PVDSGPKAGL APETTETPAG ASETAQATDL SLSPGGESKA NCSPEDPCQE
TVSKPEVSKE ATADQGSRL E SAAPPEPAPE PAPQDPRPD SQPTPKPALQ PELPTQEDPT PEILSESVGE
KQENGAVVPL QAGDGEEGPA PEPHSPSKK SPPANGAPPR VLQQLVEEDR MRRRAHSGHPG
SPRGLSRHP SSQLAGPGVE GGEGTQKPRD Y