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# PRRT2 Human

*Proline-Rich Transmembrane Protein 2 Human Recombinant*
*RCP1726*

## Product Overview

| | |
|---|---|
| Name | PRRT2 Human |

**Description**

Proline-Rich Transmembrane Protein 2 Human Recombinant

| | |
|---|---|
| Accession (Primary) | Q7Z6L0 |

**Synonyms**

Proline-Rich Transmembrane Protein 2, Infantile Convulsions And Paroxysmal Choreoathetosis, Dispanin Subfamily B Member 3, DSPB3, BFIC2, BFIS2, DYT10, EKD1, PKC, FICCA, IFITMD1, ICCA.

**Introduction**

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.

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile Filtered clear solution.

**Formulation**

The PRRT2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

**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.

**Purity**

Greater than 85% as determined by SDS-PAGE.

**Amino acid sequence**

MGSSHHHHHH SSGLVPRGSH MGS MAASSSE ISEMKGVEES PKVPGEGPGH SEAETGPPQV LAGVPDQPEA PQPGPNTTAA PVDSGPKAGL APETTETPAG ASETAQATDL SLSPGGESKA NCSPEDPCQE TVSKPEVSKE ATADQGSRLE SAAPPEPAPE PAPQPDPRPD SQPTPKPALQ PELPTQEDPT PEILSESVGE KQENGAVVPL QAGDGEEGPA PEPHSPPSKK SPPANGAPPR VLQQLVEEDR MRRAHSGHPG SPRGSLSRHP SSQLAGPGVE GGEGTQKPRD Y.

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**Precautions**

PRRT2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q7Z6L0 )