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Product datasheet

Recombinant Human PRRT2 protein ab177630

1 Image

Description

Product name	Recombinant Human PRRT2 protein
Purity	> 85 % SDS-PAGE. ab177630 was purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q7Z6L0-3
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMAASSSEISEMKGVE ESPKVPGEGPGH SEAETGPPQVLAGVPDQPEAPQPGPNTTAAPVDSGPKA GLAPETTETPAG ASETAQATDLSLSPGGESKANCSPEDPCQETVSKPEVS KEATADQGSRLE SAAPPEPAPEPAPQPDPRPDSQPTPKPALQPELPTQED PTPEILSESVGE KQENGAVVPLQAGDGEEGPAPEPHSPPSKKSPPANGAP PRVLQQLVEEDR MRRAHSGHPGSPRGSLSRHPSSQLAGPGVEGGEGTQKP RDY
Predicted molecular weight	30 kDa including tags
Amino acids	1 to 268
Tags	His tag N-Terminus
Additional sequence information	NP_001243372.1.

Specifications

Our **Abpromise guarantee** covers the use of **ab177630** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE

Mass spectrometry	MALDI-TOF
Form	Liquid

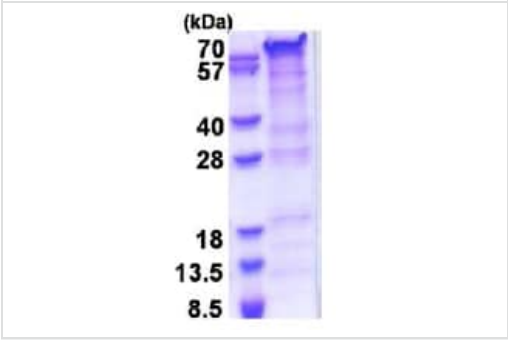
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris-HCl buffer, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride, 0.02% DTT

General Info

Involvement in disease	Episodic kinesigenic dyskinesia 1 (EKD1) [MIM:128200]: An autosomal dominant neurologic condition characterized by recurrent and brief attacks of abnormal involuntary movements, triggered by sudden voluntary movement. These attacks usually have onset during childhood or early adulthood and can involve dystonic postures, chorea, or athetosis. Note=The disease is caused by mutations affecting the gene represented in this entry. Disease-causing mutations that produce truncation of the C-terminus of the protein alter subcellular location, from plasma membrane to cytosplasm (PubMed:22101681). Convulsions, familial infantile, with paroxysmal choreoathetosis (ICCA) [MIM:602066]: A syndrome characterized by clinical features of benign familial infantile seizures and episodic kinesigenic dyskinesia. Benign familial infantile seizures is a disorder characterized by afebrile seizures occurring during the first year of life, without neurologic sequelae. Paroxysmal choreoathetosis is a disorder of involuntary movements characterized by attacks that occur spontaneously or are induced by a variety of stimuli. Note=The disease is caused by mutations affecting the gene represented in this entry. Seizures, benign familial infantile 2 (BFIS2) [MIM:605751]: An autosomal dominant disorder in which afebrile seizures occur in clusters during the first year of life, without neurologic sequelae. Note=The disease is caused by mutations affecting the gene represented in this entry.
Sequence similarities	Belongs to the CD225/Dispanin family.
Cellular localization	Cell membrane. Cell junction > synapse.

Images



SDS-PAGE - Recombinant Human PRRT2 protein (ab177630)

15% SDS-PAGE analysis of ab177630 (3 µg).

Note: Molecular weight on SDS-PAGE will appear higher.

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