

Recombinant Human PRRG4 Protein (GST,His Tag)

Catalog Number: PDEH100969

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

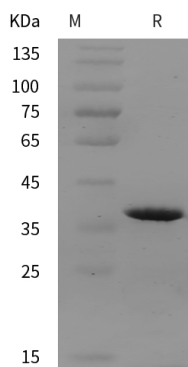
Description

Species	Human
Source	E.coli-derived Human PRRG4 protein Gly135-His226, with an N-terminal GST & His
Calculated MW	35.0 kDa
Observed MW	36 kDa
Accession	Q9BZD6
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Human PRRG4 proteins, 2 µg/lane of Recombinant Human PRRG4 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 36 kDa.

Background

PRRG4 (proline rich γ-carboxyglutamic acid 4) is a plasma membrane protein, which is composed of putative WW and SH3 binding motifs in its cytoplasmic domain. It contains a transmembrane domain and a Gla domain, a pro peptide and a signal peptide in its extracellular region. It is a ubiquitously expressed protein, with the highest expression in kidney, breast, lung, thyroid and the lowest expression in jejunum, proximal colon, duodenum and uterus. This gene localizes to human chromosome 1.

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