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# Recombinant Human PRRG4 protein (GST,His tag)

Catalog Number:PDEH100315



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

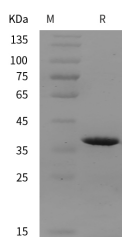
## Description

<b>Synonyms</b>	Transmembrane gamma-carboxyglutamic acid protein 4; PRRG4;Proline-rich gamma-carboxyglutamic acid protein 4;PRGP4;TMG4
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Gly 135-His 226
<b>Accession</b>	Q9BZD6
<b>Calculated Molecular Weight</b>	35.0 kDa
<b>Observed molecular weight</b>	36 kDa
<b>Tag</b>	N-GST-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

PRRG4 (proline rich  $\gamma$ -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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