Recombinant Human PRRG2 protein (GST,His tag)

Catalog Number:PDEH100317

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

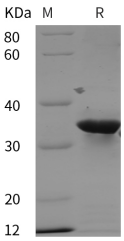
Description

Synonyms	Transmembrane gamma-carboxyglutamic acid protein 2;PRRG2;Proline-rich gamma-carboxyglutamic acid protein 2;PRGP2;TMG2
Species	Human
Expression Host	E.coli
Sequence	Arg 133-His 202
Accession	O14669-1
Calculated Molecular Weight	32.6 kDa
Observed molecular weight	35 kDa
Tag	N-GST-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

The protein encoded by this gene is a single-pass transmembrane protein containing an N-terminal gamma-carboxyglutamic acid (Gla) domain and tandem Pro/Leu-Pro-Xaa-Tyr (PY) motifs at its C-terminal end. The Gla domain is exposed on the cell surface while the PY motifs are cytoplasmic. The PY motifs of the encoded protein have been shown to interact with YAP1, a WW domain-containing protein. Therefore, it is thought that the encoded protein may be part of a signal transduction pathway. Two transcript variants encoding different isoforms have been found for this gene.

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