

PRRG2 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77157
Synonyms:	Transmembrane gamma-carboxylglutamic acid protein 2; Proline-rich Gla protein 2; PRGP2; TMG2
Species:	Human
Source:	HEK293
Accession:	O14669 (E29-S109)
Gene ID:	5639
Molecular Weight:	Approximately 37 kDa.

PROPERTIES

AA Sequence	E V F L G P P E A Q S F L S S H T R I P R A N H W D L E L L T P G N L E R E C L E E R C S W E E A R E Y F E D N T L T E R F W E S Y I Y N G K G G R G R V D V A S
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The PRRG2 protein exhibits specific molecular interactions, including its association with NEDD4, indicating a potential role in cellular regulatory processes. Moreover, PRRG2 interacts with the transcriptional coactivator YAP1 via its cytoplasmic domain, suggesting a possible involvement in modulating transcriptional activities. These interactions highlight the intricate nature of PRRG2 and imply its participation in diverse cellular functions and signaling pathways, warranting further investigation into the specific mechanisms and functional consequences of these protein associations.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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