

Datasheet for ABIN7555076
PPIG Protein (AA 1-754) (His tag)



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Overview

Quantity:	1 mg
Target:	PPIG
Protein Characteristics:	AA 1-754
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPIG Protein expressed in mammalian cells.
Sequence:	<p>MGIKVQRPRC FFDIAINNQP AGRVVFELFS DVCPKTCENF RCLCTGEKGT GKSTQKPLHY KSCLFHRVVK DFMVQGGDFS EGNRGGESI YGGFFEDES AVKHNFELL SMANRGKDTN GSQFFITTKP TPHLDGHHV FGQVISGQEV VREIENQKTD AASKPFAEVR ILSGELIPK SKVKKEEKKR HKSSSSSSSS SSSDSSSDS QSSSDSSDSE SATEEKSKKR KKKHRKNSRK HKKEKKRKK SKKSASSESE AENLEAQPQS TVRPEEIPPI PENRFLMRKS PPKADEKERK NREREREREC NPPNSQPASY QRRLLVTRSG RKIKGRGPRR YRTPSRSRSR DRFRRSETPP HWRQEMQRAQ RMRVSSGERW IKGDKSELNE IKENQRSPVR VKERKITDHR NVSESPNRKN EKEKKVKDHK SNSKERDIRR NSEKDDKYKN KVKKRAKSKS RSKSKEKSKS KERDSKHNRN EEKRMRSRSK GRDHENVKEK EKQSDSKGKD QERSRSKEKS KQLESKSNEH DHSKSKEKDR RAQRSRECD ITKGKHSYNS RTRERSRSD RRRVRSRTH DRDRSRKEY HRYREQEYRR RGRSRRERR TPPGRSRSD RRRRRRDSRS SEREESQSRN KDKYRNQESK SSHRKENSES EKRMYSKSRD HNSSNNSREK KADRQSPFS KIKQSSQDNE LKSSMLKNKE DEKIRSSVEK</p>

Product Details

ENQKSKGQEN DHVHEKNKKF DHESSPGTDE DKSG **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PPIG

Alternative Name: PPIG ([PPIG Products](#))

Background: Peptidyl-prolyl cis-trans isomerase G (PPIase G) (Peptidyl-prolyl isomerase G) (EC 5.2.1.8) (CASP10) (Cik-associating RS-cyclophilin) (CARS-Cyp) (CARS-cyclophilin) (SR-cyclophilin) (SR-cyp) (SRcyp) (Cyclophilin G) (Rotamase G),FUNCTION: PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed:20676357). May be implicated in the folding, transport, and assembly of proteins. May play an important role in the regulation of pre-mRNA splicing. {ECO:0000269|PubMed:20676357}.

Target Details

Molecular Weight: 88.6 kDa

UniProt: [Q13427](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months