

Datasheet for ABIN7550496
PAQR9 Protein (AA 1-377) (His tag)



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Overview

Quantity:	1 mg
Target:	PAQR9
Protein Characteristics:	AA 1-377
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAQR9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PAQR9 Protein expressed in mammalian cells.
Sequence:	MPRRQLPRGA GTKGPPAPAP AASGAARN SH SAASRDPPAS AKPLL RWDEV PDDFVECFIL SGYRRLPCTA QECLASVLKP TNETLNF WTH FIPLLLFLSK FCRLFFLSGG DVPFHHPWLL PLWCYASGVL LTFAMSCTAH VFSCLSLRLR AAFYLDYAS ISYYGFGSTV AYYYYLLPGL SLLDARVMTP YLQQR LGWHV DCTRLIAAYR ALVLPVAFVL AVACTVACCK SRTDWCTYPF ALRTFVFMVMP LSMACPIMLE SWLFDLRGEN PTLFVHFYRR YFWLVVAFF NVSKIPERIQ PGLFDIIGHS HQLFHIFTFL SIYDQVYYVE EGLRQLQAP PAAPTFSGTV GYM LLLLVCL GLVIRKFLNS SEFCSKK 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:

Product Details

- 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)
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Grade:	custom-made
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Target Details

Target:	PAQR9
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Alternative Name:	PAQR9 (PAQR9 Products)
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Background:	Membrane progesterin receptor epsilon (mPR epsilon) (Membrane progesterone P4 receptor epsilon) (Membrane progesterone receptor epsilon) (Progesterone and adipoQ receptor family member 9) (Progesterin and adipoQ receptor family member 9) (Progesterin and adipoQ receptor family member IX),FUNCTION: Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432, PubMed:23161870). Seems to act through a G(s) mediated pathway (PubMed:23161870). May be involved in regulating rapid P4 signaling in the nervous system (PubMed:23763432). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870). {ECO:0000269 PubMed:23161870, ECO:0000303 PubMed:23763432}.
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Molecular Weight:	42.7 kDa
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UniProt:	Q6ZVX9
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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
