

Datasheet for ABIN7549458
PAQR7 Protein (AA 1-346) (His tag)



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Overview

Quantity:	1 mg
Target:	PAQR7
Protein Characteristics:	AA 1-346
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAQR7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PAQR7 Protein expressed in mammalian cells.
Sequence:	MAMAQKLSHL LPSLRQVIQE PQLSLQPEPV FTVDRAEVPP LFWKPYIYAG YRPLHQTWRF YFRTLQFQHN EAVNVWTHLL AALVLLRLA LRVETVDFWG DPHALPLFII VLASFTYLSF SALAHLLQAK SEFWHYSFFF LDYVGVAVYQ FGSALAHFYI AIEPAWHAQV QAVFLPMAAF LAWLSCIGSC YNKYIQKPLG LGRTCQEVPS VLAYALDISP VVHRIFVSSD PTTDDPALLY HKCQVVFLL AAFFSTFMP ERWFPGSCHV FGQGHQLFHI FLVLCTLAQL EAVALDYEAR RPIYEPLHTH WPHNFSGFLF LTVGSSILTA FLLSQLVQRK LDQKTK 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.
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, Western Blot
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Grade:	custom-made
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Target Details

Target:	PAQR7
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Alternative Name:	PAQR7 (PAQR7 Products)
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Background:	Membrane progesterin receptor alpha (mPR alpha) (Membrane progesterone P4 receptor alpha) (Membrane progesterone receptor alpha) (Progesterone and adipoQ receptor family member 7) (Progesterin and adipoQ receptor family member 7) (Progesterin and adipoQ receptor family member VII),FUNCTION: Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (PubMed:12601167). Involved in neurosteroid inhibition of apoptosis (PubMed:23161870). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870). {ECO:0000269 PubMed:12601167, ECO:0000269 PubMed:23161870, ECO:0000303 PubMed:23763432}.
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Molecular Weight:	39.7 kDa
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UniProt:	Q86WK9
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Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
