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Datasheet for ABIN7558109

PAQR6 Protein (AA 1-343) (His tag)

Overview

Quantity:	1 mg
Target:	PAQR6
Protein Characteristics:	AA 1-343
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAQR6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Paqr6 Protein expressed in mammalian cells.
Sequence:	<p>MLSLKMPQLL RVHQVPRVFW EEGIMSGYRC PTSSALDCVL SSFQMTNETV NIWTHFLPTW YFLWRLALG SPGFRADPYH LPLLVFLLPA CLYPFASCCA HTFSSMSPPRA RHICYFLDYG ALSLYSLGCA FPYAAYSMPA SWLHSRLHQL FVPAAALNSF LCTGLSCYSR FPELEYPGFS KALRTAAFAY PFLFDNLPLF YRLRLCWGGA HSCGRDALSS NHGYHLLCAL LSGFLFAARL PERLAPGRFD YIGHSHQLFH ICAVLGTHFQ LEAVLADMGS RRAWLAVQEP TLGLGATVAT LSLAVIGNLF IIAAFTASLL RMPGPCPLLQ GSPLEEGLQA KQQ 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.</p>
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)
Grade:	custom-made

Target Details

Target:	PAQR6
Alternative Name:	Paqr6 (PAQR6 Products)
Background:	Membrane progesterin receptor delta (mPR delta) (Membrane progesterone P4 receptor delta) (Membrane progesterone receptor delta) (Progesterone and adipoQ receptor family member 6) (Progesterin and adipoQ receptor family member 6) (Progesterin and adipoQ receptor family member VI),FUNCTION: Plasma membrane progesterone (P4) receptor coupled to G proteins. Seems to act through a G(s) mediated pathway. Involved in neurosteroid inhibition of apoptosis. May be involved in regulating rapid P4 signaling in the nervous system. Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone. {ECO:0000250 UniProtKB:Q6TCH4}.
Molecular Weight:	38.2 kDa
UniProt:	Q6TCG5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
