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Datasheet for ABIN7563129

PAX4 Protein (AA 1-349) (His tag)

Overview

Quantity:	1 mg
Target:	PAX4
Protein Characteristics:	AA 1-349
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pax4 Protein expressed in mammalien cells.
Sequence:	<p>MQQDGLSSVN QLGGLFVNGR PLPLDTRQVI VQLAIRGMRP CDISRSLKVS NGCVSKILGR YYRTGVLEPK CIGGSKPRLA TPAVVARIAQ LKDEYPALFA WEIQHQLCTE GLCTQDKAPS VSSINRVLRA LQEDQSLHWT QLRSPAVLAP VLPSPHSNCG APRGPHPGTS HRNRTIFSPG QAEALEKEFQ RGQYPDSVAR GKLAATSLP EDTVRVWFSN RRAKWRRQEK LKWEAQLPGA SQDLTVPKNS PGIISAQQSP GSVPSAALPV LEPLSPSFCQ LCCGTAPGRC SSDTSSQAYL QPYWDCQSLI PVASSSYVEF AWPCLTTHPV HHLIGGPGQV PSTHCSNWP 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>
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:	PAX4
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Alternative Name:	Pax4 (PAX4 Products)
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Background:	Paired box protein Pax-4,FUNCTION: Plays an important role in the differentiation and development of pancreatic islet beta cells. Transcriptional repressor that competes with PAX6 in binding to a common element in the glucagon, insulin and somatostatin promoters.
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Molecular Weight:	38.0 kDa
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UniProt:	P32115
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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.
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Restrictions:	For Research Use only
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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