

Datasheet for ABIN7563128
PAX2A Protein (AA 1-414) (His tag)



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Overview

Quantity:	1 mg
Target:	PAX2A
Protein Characteristics:	AA 1-414
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX2A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pax2 Protein expressed in mammalian cells.
Sequence:	MDMHCKADPF SAMHRHGGVN QLGGVFVNGR PLPDVVRQRI VELAHQGVVP CDISRQLRVS HGCVSKILGR YYETGSIKPG VIGGSKPKVA TPKVVDKIAE YKRQNPTMFA WEIRDRLLAE GICDNDTVPS VSSINRIIRT KVQQPFHPTP DGAGTGVTAP GHTIVPSTAS PPVSSASNDP VGSYSINGIL GIPRSNGEKR KREEVEVYTD PAHIRGGGGL HLVWTLRDVS EGSVPNGDSQ SGVDSLRLKHL RADTFTQQQL EALDRVFERP SYPDVFQASE HIKSEQGNEY SLPALTPGLD EVKSSLSASA NPELGSNVSG TQYTPVVTGR DMTSTTLPGY PPHVPPTGQG SYPTSTLAGM VPGSEFSGNP YSHPQYTAYN EAWRFSNPAL LSSPYYSAA PRGSAPAAAA YDRH 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.

Product Details

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:

PAX2A

Alternative Name:

Pax2 ([PAX2A Products](#))

Background:

Paired box protein Pax-2,FUNCTION: Transcription factor that may have a role in kidney cell differentiation. {ECO:0000250|UniProtKB:Q02962}.

Molecular Weight:

44.6 kDa

UniProt:

[P32114](#)

Pathways:

[Carbohydrate Homeostasis](#), [Stem Cell Maintenance](#), [Tube Formation](#)

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