

Datasheet for ABIN2728310

PAX2A Protein (Transcript Variant C) (Myc-DYKDDDDK Tag)



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1 Image

Overview

Quantity:	20 µg
Target:	PAX2A
Protein Characteristics:	Transcript Variant C
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX2A protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human PAX2 (transcript variant c) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
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Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
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Target Details

Target:	PAX2A
Alternative Name:	Pax2 (PAX2A Products)
Background:	PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene prd. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to

Target Details

result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants.

Molecular Weight: 41.8 kDa

NCBI Accession: [NP_003979](#)

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

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

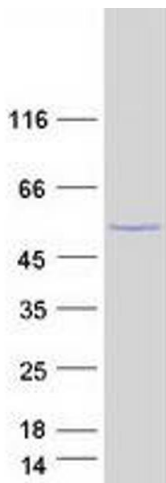
Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot