

Datasheet for ABIN7563000

Paired Box 3 Protein (PAX3) (AA 1-479) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Paired Box 3 (PAX3)
Protein Characteristics:	AA 1-479
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Paired Box 3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pax3 Protein expressed in mammalian cells.
Sequence:	<p>MTTLGAVPR MMRPGPGQNY PRSGFPLEVS TPLGQGRVNQ LGGVFINGRP LPNHIRHKIV EMAHHGIRPC VISRQLRVSH GCVSKILCRY QETGSIRPGA IGGSKPKQVT TPDVEKKIEE YKRENPGMFS WEIRDKLLKD AVCDRNTVPS VSSISRILRS KFGKGEEEEE DLERKEAEE EKKAKHSIDG ILSERASAPQ SDEGSDIDSE PDLPLKRKQR RSRTTFTAEQ LEELERAFER THYPDIYTRE ELAQRAKLTE ARVQVWFSNR RARWRKQAGA NQLMAFNHLI PGGFPPTAMP TLPTYQLSET SYQPTSIPQA VSDPSSTVHR PQPLPPSTVH QSTIPSNADS SSAYCLPSTR HGFSSYTDSF VPPSGPSNPM NPTIGNGLSP QVMGLLTNHG GVPHQPQTDY ALSPLTGGL PTTTVSASCS QRLEHMKNVD SLPTSQPYCP PTYSTAGYSM DPVTGYQYGQ YGQSKPWTF</p> <p>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

Product Details

isoform, please contact us regarding an individual offer.

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:

Paired Box 3 (PAX3)

Alternative Name:

Pax3 ([PAX3 Products](#))

Background:

Paired box protein Pax-3,FUNCTION: Transcription factor that may regulate cell proliferation, migration and apoptosis. Involved in neural development and myogenesis. Transcriptional activator of MITF, acting synergistically with SOX10 (By similarity).

{ECO:0000250|UniProtKB:P23760, ECO:0000269|PubMed:1682057, ECO:0000269|PubMed:22862948}.

Molecular Weight:

52.9 kDa

UniProt:

[P24610](#)

Pathways:

[Sensory Perception of Sound, 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
