

Datasheet for ABIN7556849
PAX8 Protein (AA 1-457) (His tag)



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Overview

Quantity:	1 mg
Target:	PAX8
Protein Characteristics:	AA 1-457
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pax8 Protein expressed in mammalian cells.
Sequence:	<p>MPHNSIRSGH GGLNQLGGAF VNGRPLPEVV RQRIVDLAHQ GVRPCDISRQ LRVSHGCVSK ILGRYYETGS IRPGVIGGSK PKVATPKVVE KIGDYKRQNP TMFAWEIRDR LLAEGVCDND TVPSVSSINR IIRTKVQQPF NLPMDSCVAT KSLSPGHTLI PSSAVTPPES PQSDSLGSTY SINGLLGIAQ PGNDNKRKMD DSDQDSCRLS IDSQSSSSGP RKHLRTDTFS QHHLEALECP FERQHYPEAY ASPSHTKGEQ GLYPLPLLNS ALDDGKATLT SSNTPLGRNL STHQTYPVVA DPHSPFAIKQ EPELSSSSS TPSSLSSSAF LDLQQVGSGG PAGASVPPFN AFPHAASVYG QFTGQALLSG REMVGPTLPG YPPHIPTSGQ GSYASSAIAG MVAGSEYSGN AYSHTPYSSY SEAWRFPNSS LLSPYYYSS TSRPSAPPTS ATAFDHL 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>

Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none">• 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).<p>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.</p><p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p><p>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.</p></div>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	PAX8
Alternative Name:	Pax8 (PAX8 Products)
Background:	Paired box protein Pax-8,FUNCTION: Thought to encode a transcription factor. It may have a role in kidney cell differentiation. May play a regulatory role in mammalian development.
Molecular Weight:	48.8 kDa
UniProt:	Q00288
Pathways:	Thyroid Hormone Synthesis , Regulation of Hormone Metabolic Process , Stem Cell Maintenance , Tube Formation

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