

Datasheet for ABIN7557756  
**PHOX2A Protein (AA 1-280) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PHOX2A
Protein Characteristics:	AA 1-280
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHOX2A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Phox2a Protein expressed in mammalien cells.
Sequence:	MDYSYLN <sup>SYD</sup> SCVAAMEASA YGDFGACSQP GGFQYSPLRP AFPAAGPPCP ALGSSNCALG ALRDHQ <sup>PAPY</sup> SAVPYKFFPE P <sup>SL</sup> GLHEKRKQ RRIRTTFTSA QLKELERVFA ETHYPDIYTR EELALKIDLT EARVQVWFQN RRAKFRKQER AASAKGAAGA TGAKKGEARC SSED <sup>DD</sup> SKES TCSPTDSTA SLPPPAPSL ASPRLSPSPL PAALGSGPGP QPLKGALWAG VAGGGGGGPG TGAAELLKAW QPAEPGPGPF SGVLSSFHRK PGPALKTNLF <b>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.</b>
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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.

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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

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Target:	PHOX2A
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Alternative Name:	Phox2a ( <a href="#">PHOX2A Products</a> )
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Background:	Paired mesoderm homeobox protein 2A (Aristaless homeobox protein homolog) (PHOX2A homeodomain protein) (Paired-like homeobox 2A),FUNCTION: May be involved in regulating the specificity of expression of the catecholamine biosynthetic genes. Acts as a transcription activator/factor. Could maintain the noradrenergic phenotype (By similarity). {ECO:0000250}.
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Molecular Weight:	29.4 kDa
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UniProt:	<a href="#">Q62066</a>
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## Application Details

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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

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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