

Datasheet for ABIN7550684

PHOSPHO2 Protein (AA 1-241) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PHOSPHO2
Protein Characteristics:	AA 1-241
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHOSPHO2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PHOSPHO2 Protein expressed in mammalien cells.
Sequence:	<p>MKILLVDFDFD NTIIDDNSDT WIVQCAPNKK LPIELRDSYR KGFWTEFMGR VF KYLGDKGV REHEMKRAVT SLPFTPGMVE LFNFIRKNKD KFDCIIISDS NSVFIDWVLE AASFHDIFDK VFTNPAAFNS NGHLTVENYH THSCNRCPKN LCKKVVLIEF VDKQLQQGVN YTQIVYIGDG GNDVCPVTFL KNDDVAMPRK GYTLQKTL SR MSQNLEPMEY SVVWSSGVD IISHLQFLIK D</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>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	PHOSPHO2
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Alternative Name:	PHOSPHO2 (PHOSPHO2 Products)
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Background:	Pyridoxal phosphate phosphatase PHOSPHO2 (EC 3.1.3.74),FUNCTION: Phosphatase that has high activity toward pyridoxal 5'-phosphate (PLP). Also active at much lower level toward pyrophosphate, phosphoethanolamine (PEA), phosphocholine (PCho), phospho-l-tyrosine, fructose-6-phosphate, p-nitrophenyl phosphate, and h-glycerophosphate. {ECO:0000269 PubMed:16054448}.
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Molecular Weight:	27.8 kDa
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UniProt:	Q8TCD6
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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