

Datasheet for ABIN7547107  
**DOK2 Protein (DOK2) (AA 1-412) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DOK2
Protein Characteristics:	AA 1-412
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOK2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DOK2 Protein expressed in mammalian cells.
Sequence:	<p>MGDGAVKQGF LYLQQQTFG KKWRRFGASL YGGSDCALAR LELQEGPEKP RRCEAARKVI RLSDCLRVAE AGGEASSPRD TSAFFLETKE RLYLLAAPAA ERGDWVQAIC LLAFFGQRKE LSGPEGKQSR PCMEENELYS SAVTVGPHKE FAVTMRPTEA SERCHLRGSY TLRAGESALE LWGGPEPGTQ LYDWPYRFLR RFGRDKVTFS FEAGRRCVSG EGNFEFETRQ GNEIFLAL EE AISAQKNAAP ATPQPQPATI PASLPRPDSP YSRPHDSLPP PSPTTPVPAP RPRGQEGEYA VPFDAVARSL GKNFRGILAV PPQLLADPLY DSIEETLPPR PDHIYDEPEG VAALS LYDSP QEPRGEAWRR QATADRDPAG LQHVQPAGQD FSASGWQPGT EYDNVVLKKG PK <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></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

DOK2

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### Alternative Name:

DOK2 ([DOK2 Products](#))

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### Background:

Docking protein 2 (Downstream of tyrosine kinase 2) (p56(dok-2)),FUNCTION: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation (By similarity). {ECO:0000250}.

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### Molecular Weight:

45.4 kDa

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### UniProt:

[O60496](#)

## Application Details

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### 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.

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### Restrictions:

For Research Use only

## 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