

Datasheet for ABIN7547179

DUSP16 Protein (AA 1-665) (His tag)



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Overview

Quantity:	1 mg
Target:	DUSP16
Protein Characteristics:	AA 1-665
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP16 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DUSP16 Protein expressed in mammalian cells.
Sequence:	<p>MAHEMIGTQI VTERLVALLE SGTEKVLLID SRPFVEYNTS HILEAININC SKLMKRRLQQ</p> <p>DKVLITELIQ HSAKHKVIDID CSQKVVVYDQ SSQDVASLSS DCFLT VLLGK LEKSFNSVHL</p> <p>LAGGFAEFSR CFPGLCEGKS TLVPTCISQP CLPVANIGPT RILPNLYLGC QRDVLNKELM</p> <p>QQNGIGYVLN ASNTCPKPDF IPESHFLRVP VNDSFCEKIL PWLDKSVDFI EKAKASNGCV</p> <p>L VHCLAGISR SATIAIAYIM KRMDMSLDEA YRFVKEKRPT ISPNFNFLGQ LLDYEKKIKN</p> <p>QTGASGPKSK LKLLHLEKPN EPVPAVSEGG QKSETPLSPP CADSATSEAA GQRPVHPASV</p> <p>PSVPSVQPSL LEDSPLVQAL SGLHLSADRL EDSNKLKRSF SLDIKSVSYS ASMAASLHGF</p> <p>SSSEDALEY Y KPSTTLDGTN KLCQFSPVQE LSEQTPETSP DKEEASIPKK LQTARPSDSQ</p> <p>SKRLHSVRTS SSGTAQRSLL SPLHRSGSVE DNYHTSFLFG LSTSQQHLTK SAGLGLKGWH</p> <p>SDILAPQTST PSLTSSWYFA TESSHFYSAS AIYGGASYS AYSCSQLPTC GDQVYSVRRR</p> <p>QKPSDRADSR RSWHEESPFE KQFKRRSCQM EFGESIMSEN RSREELGKVG SQSSFSGSME IIEVS</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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

DUSP16

Alternative Name:

DUSP16 ([DUSP16 Products](#))

Background:

Dual specificity protein phosphatase 16 (EC 3.1.3.16) (EC 3.1.3.48) (Mitogen-activated protein kinase phosphatase 7) (MAP kinase phosphatase 7) (MKP-7),FUNCTION: Dual specificity protein phosphatase involved in the inactivation of MAP kinases. Dephosphorylates MAPK10 bound to ARRB2. {ECO:0000269|PubMed:11489891, ECO:0000269|PubMed:15888437}.

Molecular Weight:

73.1 kDa

UniProt:

[Q9BY84](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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