

Datasheet for ABIN7547194
DUSP10 Protein (AA 1-482) (His tag)



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Overview

Quantity:	1 mg
Target:	DUSP10
Protein Characteristics:	AA 1-482
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DUSP10 Protein expressed in mammalien cells.
Sequence:	<p>MPPSPLDDR VVALSRPVRP QDLNLC LDSS YLGSANPGSN SHPPVIATTV VSLKAANLTY MPSSSGSARS LNCGCSSASC CTVATYDKDN QAQTQAI AAG TTTTAIGTST TCPANQMVNN NENTGSLSPS SGVGSPVSGT PKQLASIKII YPNDLAKKMT KCSKSHLPSQ GPVIIDCRPF MEYNKSHIQG AVHINCADKI SRRRLQQGKI TVLDLISCRE GKDSFKRIFS KEIIVYDENT NEPSRVMP SQ PLHIVLESLK REGKEPLVLK GGLSSFQNH ENLCDNSLQL QECREVGGA SAASSLLPQP IPTTPDIENA ELTPILPFLF LGNEQDAQDL DTMQRLNIGY VINVTTHLPL YHYEKGLFNY KRLPATDSNK QNLRQYFEEA FEFIEEAHQ C GKGLLIHCQA GVSRSATIVI AYLMKHTRMT MTDAYKFVKG KRPIISP NLN FMGQLLEFEE DLNNGVTPRI LTPKLMGVET VV</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>

Product Details

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:

DUSP10

Alternative Name:

DUSP10 ([DUSP10 Products](#))

Background:

Dual specificity protein phosphatase 10 (EC 3.1.3.16) (EC 3.1.3.48) (Mitogen-activated protein kinase phosphatase 5) (MAP kinase phosphatase 5) (MKP-5),FUNCTION: Protein phosphatase involved in the inactivation of MAP kinases. Has a specificity for the MAPK11/MAPK12/MAPK13/MAPK14 subfamily. It preferably dephosphorylates p38. {ECO:0000269|PubMed:10391943, ECO:0000269|PubMed:10597297, ECO:0000269|PubMed:22375048}.

Molecular Weight:

52.6 kDa

UniProt:

[Q9Y6W6](#)

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

Application Details

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