

Datasheet for ABIN7561481  
**DUSP10 Protein (AA 1-483) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DUSP10
Protein Characteristics:	AA 1-483
Origin:	Mouse
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 YLG SASPGSG SHAPVLATAV VTLKAANLTY MPSSSGSARS LNCGCSSTSC CTVATYDKDH QAQTQAI AAG TATTAIGTST TCPANQMVNN NENTGSVLSP SGGVGS PVS GTPKQLASIKI IYPNDLAKKM TKCSKSHLPS QGPVIIDCRP FMEYNKSHIQ GAVHINCADK ISRRRLQ QGK ITVLDLISCR EGKDSFKRIF SKEIIVYDEN TNEPSRVTPS QPLHIVLESL KREGKEPLVL KGG LSSFKQN HG NLC DNSLQ LQECREVG GGG ASAASSMLPQ SVPTTPDIEN AELTPILPFL FLGNEQDAQD LDTMQRLNIG YVINVTTHLP LYHYEKGLFN YKRLPATDSN KQNL RQYFEE AFEFIEEAHQ CGKGLLIHCQ AGVSR SATIV IAYLMKHTRM TMTDAYK FVK GKRPIISPNL NFMGQLLEFE EDLNNGVTPR ILTPKLMGME TVV</p> <p><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>

## 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:0000250|UniProtKB:Q9Y6W6}.

---

### Molecular Weight:

52.5 kDa

---

### UniProt:

[Q9ESS0](#)

## 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.

## Application Details

---

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