

Datasheet for ABIN7547022

## DET1 Protein (DET1) (AA 1-550) (His tag)



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### Overview

Quantity:	1 mg
Target:	DET1
Protein Characteristics:	AA 1-550
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DET1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat DET1 Protein expressed in mammalian cells.
Sequence:	<p>MDHHVSTIKP RRIQNQNVIH RLERRRISG KAGTHWHQVR VFHQNVFPNF TVVNVEKPPC</p> <p>FLRKFS PDGR YFI AFSSDQT SLEIYEYQGC QAAEDLLQGY EGEILSNGND QRSVNIRGRL</p> <p>FERFFVLLHI TNVAANGEHL NRECSLFTDD CRCVIVGSAA YLPDEPHPPF FEVYRNSESV</p> <p>TPNPRSPLED YSLHIIDLHT GRLCDTRTFK CDKVVLSHNQ GLYLYKNILA ILSVQQQTIH</p> <p>VFQVTPEGTF IDVRTIGRFC YEDDLLTVSA VFPEVQRDSQ TGMANPFRDP FINSLKHRLL</p> <p>VYLWRRAEQD GSAMAKRRFF QYFDQLRQLR MWKMQLLDEN HLFIKYTS ED VVTLRVT DPS</p> <p>QASFFV VYNM VTTEVI AVFE NTSDELLELF ENFCDLFRNA TLHSEVQFPC SASSNNFARQ</p> <p>IQRRFKDTII NAKYGGHTEA VRRLGQLPI SAQSYSGSPY LDLSLSFYDD KVVSVMERPK</p> <p>TCGDHPIRFY ARDSGLLKFE IQAGLLGRPI NHTVRRLVAF TFHPFEPFAI SVQRTNAEYV</p> <p>VNFHMRHCCT <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

**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:

DET1

### Alternative Name:

DET1 ([DET1 Products](#))

### Background:

DET1 homolog (De-etiolated-1 homolog),FUNCTION: Component of the E3 ubiquitin ligase DCX DET1-COP1 complex, which is required for ubiquitination and subsequent degradation of target proteins. The complex is involved in JUN ubiquitination and degradation.  
{ECO:0000269|PubMed:14739464}.

### Molecular Weight:

63.8 kDa

### UniProt:

[Q7L5Y6](#)

## 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