

Datasheet for ABIN7551262  
**REPS2 Protein (AA 1-660) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	REPS2
Protein Characteristics:	AA 1-660
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This REPS2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat REPS2 Protein expressed in mammalian cells.
Sequence:	<p>MEAAAAAAAA AAAAAAGGG CGSGPPPLL SEGEQCYSE LFARCAGAAG GPGSGPPEA</p> <p>ARVAPGTATA AAGPVADLFR ASQLPAETLH QITELCGAKR VGYFGPTQFY IALKLIAAAQ</p> <p>SGLPVRIESI KCELPLPRFM MSKNDGEIRF GNPAELHGTK VQIPYLTTEK NSFKRMDDED</p> <p>KQQETQSPTM SPLASPPSSP PHYQRVPLSH GYSKLRSSAE QMHPAPYEAR QPLVQPEGSS</p> <p>SGGPGTKPLR HQASLIRSFS VERELQDNSS YPDEPWRITE EQREYYVNQF RSLQDPSSSF</p> <p>ISGSVAKNFF TSKLSIPEL SYIWELSDAD CDGALTLP EF CAAFHLIVAR KNGYPLPEGL</p> <p>PPTLQPEYLQ AAFPKPKWDC QLFDSYSESL PANQQPRDLN RMEKTSVKDM ADLPVPNQDV</p> <p>TSDDKQALKS TINEALPKDV SEDPATPKDS NSLKARPRSR SYSSTSIEEA MKRGEDPPTP</p> <p>PPRPQKTHSR ASSLDLNKVF QPSVPATKSG LLPPPPALPP RPCPSQSEQV SEAELLPQLS</p> <p>RAPSQAESS PAKKDVLYSQ PPSKPIRRKF RPENQATENQ EPSTAASGPA SAATMKPHPT</p> <p>VQKQSSKQKK AIQTAIRKNK EANAVALRLN SELQQQLKEV HQERIALENQ LEQLRPVTVL</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:

REPS2

### Alternative Name:

REPS2 ([REPS2 Products](#))

### Background:

RalBP1-associated Eps domain-containing protein 2 (Partner of RalBP1) (RalBP1-interacting protein 2), FUNCTION: Involved in ligand-dependent receptor mediated endocytosis of the EGF and insulin receptors as part of the Ral signaling pathway (PubMed:9422736, PubMed:12771942, PubMed:10393179). By controlling growth factor receptors endocytosis may regulate cell survival (PubMed:12771942). Through ASAP1 may regulate cell adhesion and migration (PubMed:12149250). {ECO:0000269|PubMed:10393179, ECO:0000269|PubMed:12149250, ECO:0000269|PubMed:12771942, ECO:0000269|PubMed:9422736}.

### Molecular Weight:

71.5 kDa

## Target Details

UniProt:	<a href="#">Q8NFH8</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a>

## 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.
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