

Datasheet for ABIN7552881
BRAP Protein (AA 1-592) (His tag)



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Overview

Quantity:	1 mg
Target:	BRAP
Protein Characteristics:	AA 1-592
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BRAP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat BRAP Protein expressed in mammalian cells.
Sequence:	<p>MSVSLVVIRL ELAEHSPVPA GFGFSAAAGE MSDEEIKKTT LASAVACLEG KSPGEKVAIL</p> <p>HQHLGRREMT DVIIETMKSND PDELKTTVEE RKSSEASPTA QRSKDHSKEC INAAPDSPSK</p> <p>QLPDQISFFS GNPSVEIVHG IMHLYKTNKM TSLKEDVRRS AMLCILTTPA AMTSHDLMKF</p> <p>VAPFNEVIEQ MKIIRDSTPN QYMVLIKTRA QADADSFYMT CNGRQFNSIE DDVCQLVYVE</p> <p>RAEVLKSEDE ASLPVMDLTE LPKCTVCLER MDESNGILT TLCNHSFHSQ CLQRWDDTTC</p> <p>PVCRYCQTPE PVEENKCFEC GVQENLWICL ICGHIGCGRY VSRHAYKHFE ETQHTYAMQL</p> <p>TNHRVWDYAG DNYVHRLVAS KTDGKIVQYE CEGDTCQEEK IDALQLEYSY LLTSQLESQR</p> <p>IYWENKIVRI EKDTAEEINN MKTKFKETIE KCDNLEHKLN DLLKEKQSVE RKCTQLNTKV</p> <p>AKLTNELKEE QEMNKCLRAN QVLLQNKLE EERVLEKETCD QKDLQITEIQ EQLRDVMFYL</p> <p>ETQQKINHLP AETRQEIQEG QINIAMASAS SPASSGGSGK LPSRKGRSKR GK Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a</p>

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:

BRAP

Alternative Name:

BRAP ([BRAP Products](#))

Background:

BRCA1-associated protein (EC 2.3.2.27) (BRAP2) (Impedes mitogenic signal propagation) (IMP) (RING finger protein 52) (RING-type E3 ubiquitin transferase BRAP2) (Renal carcinoma antigen NY-REN-63),FUNCTION: Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a cytoplasmic retention protein with a role in regulating nuclear transport.
{ECO:0000269|PubMed:14724641, ECO:0000303|PubMed:10777491}.

Molecular Weight:

67.3 kDa

UniProt:

[Q7Z569](#)

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.
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Restrictions:	For Research Use only
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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