

Datasheet for ABIN7551146
RAE1 Protein (AA 1-368) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RAE1
Protein Characteristics:	AA 1-368
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAE1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RAE1 Protein expressed in mammalian cells.
Sequence:	MSLFGTTSGF GTSGTSMFGS ATTDNHNPMK DIEVTSSPDD SIGCLSFSP TLPGNFLIAG SWANDVRCWE VQDSGQTIPK AQQMHTGPVL DVCWSDDGSK VFTASCDKTA KMWDLSSNQA IQIAQHDAPV KTIHWIKAPN YSCVMTGSWD KTLKFWDTRS SNPMMLVQLP ERCYCADVIY PMAVVATAER GLIVYQLENQ PSEFRRIESP LKHQHRCVAI FKDKQNKPTG FALGSIEGRV AIHYINPPNP AKDNFTFKCH RSNGTNTSAP QDIYAVNGIA FHPVHGTLAT VGSDGRFSFW DKDARTKLKT SEQLDQPISA CCFNHNNGNIF AYASSYDWSK GHEFYNPQKK NYIFLRNAAE ELKPRNKK 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:

Product Details

- 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: RAE1

Alternative Name: RAE1 ([RAE1 Products](#))

Background: mRNA export factor RAE1 (Rae1 protein homolog) (mRNA-associated protein mrnp 41),FUNCTION: Acts as a mRNA export factor involved in nucleocytoplasmic transport (PubMed:33849972, PubMed:20498086). Plays a role in mitotic bipolar spindle formation (PubMed:17172455). May function in attaching cytoplasmic mRNPs to the cytoskeleton both directly or indirectly (PubMed:17172455). {ECO:0000269|PubMed:17172455, ECO:0000269|PubMed:20498086, ECO:0000269|PubMed:33849972}.

Molecular Weight: 41.0 kDa

UniProt: [P78406](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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