

Datasheet for ABIN7548069
GRAP2 Protein (AA 1-330) (His tag)



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Overview

Quantity:	1 mg
Target:	GRAP2
Protein Characteristics:	AA 1-330
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRAP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GRAP2 Protein expressed in mammalian cells.
Sequence:	MEAVAKFDFT ASGEDELSFH TGDVLKILSN QEEWFKAEELG SQEGYVPKNF IDIQFPKWFH EGLSRHQAEN LLMGKEVGFF IIRASQSSPG DFSISVRHED DVQHFVKMRD NKGNYFLWTE KFPSLNKLVD YYRTNSISRQ KQIFLRDRTR EDQGHARGNSL DRRSQGGPHL SGAVGEEIRP SMNRKLSDHP PTLPLQQHQH QPQPPQYAPA PQLQPPQ RYLQHFFFHQ ERRGGLDIN DGHCGTGLGS EMNAALMHRH HTDPVQLQAA GRVRWARALY DFEALEDDEL GFHSGEVVEV LDSSNPSWWT GRLHNKLGLF PANYVAPMTR 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
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Grade:	custom-made
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Target Details

Target:	GRAP2
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Alternative Name:	GRAP2 (GRAP2 Products)
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Background:	GRB2-related adapter protein 2 (Adapter protein GRID) (GRB-2-like protein) (GRB2L) (GRBLG) (GRBX) (Grf40 adapter protein) (Grf-40) (Growth factor receptor-binding protein) (Hematopoietic cell-associated adapter protein GrpL) (P38) (Protein GADS) (SH3-SH2-SH3 adapter Mona),FUNCTION: Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc.
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Molecular Weight:	37.9 kDa
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UniProt:	O75791
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Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway
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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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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