

Datasheet for ABIN7557898  
**SWAP70 Protein (AA 1-585) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SWAP70
Protein Characteristics:	AA 1-585
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SWAP70 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Swap70 Protein expressed in mammalian cells.
Sequence:	<p>MRGLKDELLK AIWHAFTALD LDRSGKVSXS QLKVLSHNLC TVLKVPHPDV ALEEHRD</p> <p>EGPVSNQGYM PYLNKFILEK VQDNFDKIEF NRMCWTLCKV KNLTKSPLLI TEDDAFKVWV</p> <p>IFNFLSEDKY PLIIVPEEIE YLLKKLTEAM GGGWQQEQFE HYKINFDDNK DGLSAWELIE</p> <p>LIGNGQFSKG MDRQTVSMAI NEVFNELILD VLKQGYMMKK GHKRKNWTER WFVLKPNIIIS</p> <p>YYVSEDLKDK KGDILLDENC CVESLPDKDG KKCLFLIKCF DKTFEISASD KKKKQEWIQA</p> <p>IYSTIHLLKL GSPPPHKEAR QRRKELRRKL LAEQEELERQ MKELQAANEN KQQELESVRK</p> <p>KLEEAASRAA DEEKRLQTQ VELQTRFSTE LEREKLIRQQ MEEQVAQKSS ELEQYLQRVR</p> <p>ELEDMYLKLQ EALEDERQAR QDEETVRKLQ ARLLEEESK RAELEKWHLE QQQAIQTTEA</p> <p>EKQELEQQRV MKEQALQEAM AQLEQLELER KQALEQYEGV KKKLEMATHM TKSWKDKVAH</p> <p>HEGLIRLIEP GSKNPHLITN WGPAAFTQAE LEEREKSWKE KKTTE <b>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</b></p>

## Product Details

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### **request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

## Target Details

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Target: SWAP70

Alternative Name: Swap70 ([SWAP70 Products](#))

Background: Switch-associated protein 70 (SWAP-70),FUNCTION: Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which, independently of RAS, transduces signals from tyrosine kinase receptors to RAC. It also mediates signaling of membrane ruffling. Regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-bisphosphate production and cell protrusion (By similarity). {ECO:0000250}.

Molecular Weight: 69.0 kDa

UniProt: [Q6A028](#)

Pathways: [Production of Molecular Mediator of Immune Response](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. 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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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