

Datasheet for ABIN7555641  
**SWAP70 Protein (AA 1-585) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SWAP70
Protein Characteristics:	AA 1-585
Origin:	Human
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>MGSLKEELLK AIWHAFTALD QDHSGKVSXS QLKVLSHNLC TVLKVPHPDV ALEEHFRDDD EGPVSNQGYM PYLNRFILEK VQDNFDKIEF NRMCWTLCKV KNLTKNPLLI TEEDAFKIWV IFNFLSEDKY PLIIVSEEIE YLLKKLTEAM GGGWQQEQFE HYKINFDDSK NGLSAWELIE LIGNGQFSKG MDRQTVSMAI NEVFNELILD VLKQGYMMKK GHRRKNWTER WFVLKPNIIIS YYVSEDLKDK KGDILLDENC CVESLPDKDG KKCLFLVKCF DKTFEISASD KKKKQEWIQA IHSTIHLLKL GSPPPHKEAR QRRKELRKKQ LAEQEELERQ MKELQAANES KQQELEAVRK KLEEAASRAA EEEKRLQTQ VELQARFSTE LEREKLIRQQ MEEQVAQKSS ELEQYLQRVR ELEDMYLKLQ EALEDERQAR QDEETVRKLQ ARLLEEESK RAELEKWHLE QQQAIQTTEA EKQELNQRV LKEQALQEAM EQLEQLELER KQALEQYEEV KKKLEMATNK TKS WKDKVAH HEGLIRLIEP GSKNPHLITN WGPAAAFTEAE LEEREKNWKE 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, ECO:0000269|PubMed:10681448, ECO:0000269|PubMed:12925760}.

**Molecular Weight:** 69.0 kDa

**UniProt:** [Q9UH65](#)

**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