

Datasheet for ABIN7555051
SAPS1 Protein (AA 1-881) (His tag)



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Overview

Quantity:	1 mg
Target:	SAPS1
Protein Characteristics:	AA 1-881
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SAPS1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP6R1 Protein expressed in mammalian cells.
Sequence:	MFWKFDLHTS SHLDTLLERE DLSPELLDE EDVLQECKVV NRKLLDFLLQ PPHLQAMVAW VTQEPPDSGE ERLRYKYPSV ACEILTSVDP QINDALGADE SLLNRLYGFL QSTGSLNPLL ASFFSKVMGI LINRKTQQLV SFLRKKDDFV DLLLQHIGTS AIMDLLLRLL TCVERPQLRQ DVVNWLNEEK IVQRLIEQIH PSKDENQHSN ASQSLCDIIR LSREQMIQVQ DSPEPDQLLA TLEKQETIEQ LLSNMFEGEQ SQSVIVSGIQ VLLTLEPRR PRSESVTVNS FFSSVDGQLE LLAQGALEST VSSVGALHAL RPRLSCFHQL LLEPPKLEPL QMTWGMLAPP LGNTRLHVVK LLASALSAND AALHELLAL DVPNTMLDLF FHYVFNNFLH AQVEGCVSTM LSLGPPPDS PETPIQNPVV KHLQQLRQ ERILTSWEEN DRVQCAGGPR KGYMGHLTRV AGALVQNTEK GPNAEQLRQL LKELPSEQQE QWEAFVSGPL AETNKKNMVD LVNTHHLHSS SDEDDRLKE FNFPEEAVLQ QAFMDFQMQR MTSAFIDHFG FNDEEFGEQE ESVNAPFDKT ANITFSLNAD DENPNANLLE ICYKDRIQQF DDDEEEDEEE EAQSGGESDG EDGAWQGSQQL ARGARLGQPP GVRSGGSTDS EDEEEDEEEE EEDEEGIGCA ARGGATPLSY PSPGPQPPGP SWTATFDVPV

Product Details

TDAPTSRVS GEEELHTGPP APQGPLSVPQ GLPTQSLASP PARDALQLRS QDPTPPSAPQ
EATEGSKVTE PSAPCQALVS IGDQLQATFHG IRSAPSSSDS ATRDPSTSVP ASGAHQPPQT
TEGEKSPEPL GLPQSQAQA LTPPIPNGS APEGPASPGS Q **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.**

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

Target: SAPS1

Alternative Name: PPP6R1 ([SAPS1 Products](#))

Background: Serine/threonine-protein phosphatase 6 regulatory subunit 1 (SAPS domain family member 1),FUNCTION: Regulatory subunit of protein phosphatase 6 (PP6). May function as a scaffolding PP6 subunit. Involved in the PP6-mediated dephosphorylation of NFKBIE opposing its degradation in response to TNF-alpha. {ECO:0000269|PubMed:16769727}.

Target Details

Molecular Weight: 96.7 kDa

UniProt: [Q9UPN7](#)

Application Details

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.

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