

Datasheet for ABIN7536637

SMURF1 Protein (AA 1-731) (GST tag)

1 Image

1 Publication



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Overview

Quantity:	2 µg
Target:	SMURF1
Protein Characteristics:	AA 1-731
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMURF1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	SMURF1 (Human) Recombinant Protein (P01)
Sequence:	MSNPGTRRNG SSIKIRLTVL CAKNLAKKDF FRLPDPFAKI VVDGSGQCHS TDTVKNTLDP KWNQHYDLYV GKTDSITISV WNHKKIHKKQ GAGFLGCVRL LSNAISRLKD TGYQRDLCK LNPSDDAVR GQIVVSLQTR DRIGTGGSVV DCRGLENNEG TVYEDSGPGR PLSCFMEEPA PYTDSTGAAA GGGNCRFVES PSQDQRLQAQ RLRNPDVRGS LQTPQNRPHG HQSPELPEGY EQRTTVQGQV YFLHTQTGVS TWHDPRIIRD LNSVNCDELG PLPPGWEVRS TVSGRIYFVD HNNRTTQFTD PRLHHIMNHQ CQLKEPSQPL PLPSEGSLED EELPAQRYER DLVQKLVLR HELSQLQPQA GHCRIEVSRE EIFEESYRQI MKMRPKDLKK RLMVKFRGEE GLDYGGVARE WLYLLCHEML NPYYGLFQYS TDNIYMLQIN PDSSINPDHL SYFHFVGRIM GLAVFHGHYI NGGFTVPFYK QLLGKPIQLS DLESVDPELH KSLVWILEND ITPVLDHTFC VEHNAFGRIL QHELKPNGRN VPVTEENKKE YVRLYVNWRF MRGIEAQFLA LQKGFNELIP QHLLKPFQDK ELELIIGGLD KIDLNDWKS NTRLKHCVADS NIVRWFQAV ETFDEERRAR LLQFVTGSTR

Product Details

VPLQGFKALQ GSTGAAGPRL FTIHLIDANT DNLPKAHTCF NRIDIPPYES YEKLYEKLLT
AVEETCGFAV E

Characteristics: Human SMURF1 full-length ORF (NP_851994.1, 1 a.a. - 731 a.a.) recombinant protein with GST-tag at N-terminal.

Purification: in vitro wheat germ expression system

Target Details

Target: SMURF1

Alternative Name: SMURF1 ([SMURF1 Products](#))

Background: Full Gene Name: SMAD specific E3 ubiquitin protein ligase 1
Synonyms: KIAA1625

Gene ID: 57154

NCBI Accession: [NM_181349](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

Publications

Product cited in: Wang, Zhang, Weng, Qiao, Ma, Xiao, Yu, Pan, Sun et al.: "Impaired phosphorylation and ubiquitination by p70 S6 kinase (p70S6K) and Smad ubiquitination regulatory factor 1 (Smurf1)

promote tribbles homolog 2 (TRIB2) stability and carcinogenic property in ..." in: **The Journal of biological chemistry**, Vol. 288, Issue 47, pp. 33667-81, (2013) ([PubMed](#)).



Image 1.