

Datasheet for ABIN7555358
SASH1 Protein (AA 1-1247) (His tag)



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Overview

Quantity:	1 mg
Target:	SASH1
Protein Characteristics:	AA 1-1247
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SASH1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SASH1 Protein expressed in mammalian cells.
Sequence:	MEDAGAAGPG PEPEPEPEPE PEPAPEPEPE PKPGAGTSEA FSRLWTDVMG ILDGSLGNID DLAQYADYY NTCFSDVCER MEELRKRVS QDLEVEKPPDA SPTSLQLRSQ IEESLGFCSA VSTPEVERKN PLHKSNSSEDS SVGKGDWKKK NKYFWQNFRRK NQKQIMRQTS KGEDVGYVAS EITMSDEERI QLMMMVKEKM ITIEEALARL KEYEAQHRQS AALDPADWPD GSYPTFDGSS NCNSREQSDD ETEESVKFKR LHKLVNSTRR VRKKLIRVEE MKKPSTEGGE EHVFNENPVL DERSALYSGV HKKPLFFDGS PEKPPEDDSD SLTTSPSSSS LDTWGAGRKL VKTFSKGESR GLIKPPKMG TFFSYPEEEK AQKVSRLTE GEMKKGLGSL SHGRTCSFGG FDLTNRSLHV GSNNSDPMGK EGDVYKEVI KSPTASRISL GKKVKS VKET MRKRMSKKYS SSVSEQDSGL DGMPGSPPPS QPDPEHLDPK KLGAGGSVES LRSSLGQSS MSGQTVSTTD SSTSNNRESVK SEDGDDEEPP YRGPFCGRAR VHTDFTPSY DTDLKLKKG DIIDIISKPP MGTWMGLLNN KVGTFKFIYV DVLSEDEEK KRPTRRRRKG RPPQPKSVED LLDRINLKEH MPTFLFNGYE DLDTFKLLEE EDLDELNIRD PEHRAVLLTA VELLQEYDSN SDQSGSQEKL LVDSQGLSGC

Product Details

SPRDSGCYES SENLENGKTR KASLLSAKSS TEP SLKSF SR NQLGNYPTLP LMKSGDALKQ
GQEEGR LGGG LAPDTSKSCD PPGVTGLNKN RRSLPVSICR SCETLEGPQT VDTWPRSHSL
DDLQVEPGA E QDVPTEVTEP PPQIVPEVPQ KTTASSTKAQ PLEQDSAVDN ALLLTQSKRF
SEPQKLTTKK LEGSIAASGR GLSPPQCLPR NYDAQPPGAK HGLARTPLEG HRKGHEFEGT
HHPLGTKEGV DAEQRMQPKI PSQPPP VPAK KSRERLANGL HPVPMGPSGA LPSPDAPCLP
VKRGSPASPT SPSCDPPALA PRPLSGQAPG SPPSTRPPP W LSELPENTSL QEHGVKLGPA
LTRKVSCARG VDLETLTENK LHAEGIDLTE EPYSDKHGRC GIPEALVQRY AEDLDQPERD
VAANMDQIRV KQLRKQHRMA IPSGGLTEIC RKPVSPGCIS SVSDWLISIG LPMYAGTLST
AGFSTLSQVP SLSHTCLQEA GITEERHIRK LLSAARLFKL PPGPEAM **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: SASH1

Target Details

Alternative Name: SASH1 ([SASH1 Products](#))

Background: SAM and SH3 domain-containing protein 1 (Proline-glutamate repeat-containing protein),FUNCTION: Is a positive regulator of NF-kappa-B signaling downstream of TLR4 activation. It acts as a scaffold molecule to assemble a molecular complex that includes TRAF6, MAP3K7, CHUK and IKBKB, thereby facilitating NF-kappa-B signaling activation (PubMed:23776175). Regulates TRAF6 and MAP3K7 ubiquitination (PubMed:23776175). Involved in the regulation of cell mobility (PubMed:23333244, PubMed:23776175, PubMed:25315659). Regulates lipopolysaccharide (LPS)-induced endothelial cell migration (PubMed:23776175). Is involved in the regulation of skin pigmentation through the control of melanocyte migration in the epidermis (PubMed:23333244). {ECO:0000269|PubMed:23333244, ECO:0000269|PubMed:23776175, ECO:0000269|PubMed:25315659}.

Molecular Weight: 136.7 kDa

UniProt: [O94885](#)

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
