

Datasheet for ABIN7563854
GPRASP1 Protein (AA 1-1347) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GPRASP1
Protein Characteristics:	AA 1-1347
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPRASP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Gprasp1 Protein expressed in mammalien cells.
Sequence:	MTRAEVEPGA QAKAENKPGD ENANAAEVEP EAPLVVRPKV RTQIMTGARP KVKPKGTPGA RPKGETSTPG GAYAKCKPKA IPIARSKHDA QVWAPNKFRG ESMKMGKQC QISAADPPLL SNDSGMVAQA KCLPVDRELA NMDTESIPKK ANSPAGFQPS YGSEEGTNMG SWYRARPVPK GEAYENSDFK WADKPSGSPS FWNRDEASTR FRPRKSMKAN NRFRHMAKQE ANTMPRHKNK QEFYNISSSD SEDESGKTPW FWPDKTKVW SKPKEEPNSR SWFRSKKEVR VESTSGSECE NPTKSLFWSG EEAKSRSKPR ARKGVNMRAR QQAKREACSD AMSGAIDTNK KESWFLPEEK ANVFSKSKTK KEPRTRAVPK EEVTKKARAS TKQEARPEEE VLVGAWFWDT QESTMADRIS IKTTFVEEEP IVGDWFWSEE EASVDSETH TSRPRAKEEQ VSSFCLGSGK KSSMESGPKA TSKSMPVAKE DEVVIGSWFW ADDEEINLQA DDESIFGSWF WGTGENSLRS VGVNCEKMPK AGEKEVTDSW FWAGDVNTEA EVEEQARSAS TKATIFVPWF WSEKQPNMDL GSEPCSDIMA GAEEEPIIGP WFWAKVDNSV EAEVNSKSSL EDEEPIRSP WFGAREQTDK KYAAGIRYKP

Product Details

MAEAEDANKK SCVWAKEPCL YPTNRECLKS TLGEKEDTVD PWLWSNNYPR TKTITGSWLW
AAEEGNIDDE TGEKIKLPTL EDNAFNSWFW KENEESIVEA PKREEFRPEA EEEDIIGSWF
WAGDEDRFEP AAKINEENKI ASEDEDTVGS WFWGNEEASL EAVRRGTFES APGIKEEKVT
GSWFWTDKAK VGAGSQTVET GSETEEEAIF ESLIWAACKD SIQAGVKRVS KPKDDGNIAV
GSWLWSSDKA TKEAKTLIVS EASPENGKES VVKFGSRAKD EVINKTGSGD NCKHSTEAE
IVGAWFWEGD EASFESNPVP VCKAVCEPES SAEHEPDPSR RPQSWDEVTV QFKAGPWGKA
GFPPMNPFRF PKEAASLFAE MFGGKPKLVE VGPEREPEPQ PPFQYDPSYR SVREIREHLK
ARESAQPENW SCNCIQCELR IGSEEFEEELL LLMDRNRDPF IHEISKIAMG MRGASQFTRD
FIRNSGVVSL IEALLNYPSS RVRTRFLENM VRMAPPYPDL NMIETYVCQI CEDTFDYDLD
SPDQLSGLTM ITHLTATSDY HKVVVNYLAG FFYLLNSGNT KTRFHVLKLL LNLSENLVMT
KRLLVTDVS EFMDLINREE SDENIQVLA IFETISKHIQ KEALFSDDDD DDEEEDAVNL
EPFISAFREA EKIAKELKRK PGNQKAP **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

GPRASP1

Target Details

Alternative Name:	Gprasp1 (GPRASP1 Products)
Background:	G-protein coupled receptor-associated sorting protein 1 (GASP-1),FUNCTION: Modulates lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. Targets receptors for degradation in lysosomes via its interaction with BECN2. {ECO:0000269 PubMed:23954414}.
Molecular Weight:	151.7 kDa
UniProt:	Q5U4C1

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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