

Datasheet for ABIN7554004

GPRASP1 Protein (AA 1-1395) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GPRASP1
Protein Characteristics:	AA 1-1395
Origin:	Human
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 mammalian cells.
Sequence:	MTGAEIESGA QVKPEKKPGE EVVGAEIEN DVPLVVRPKV RTQAQIMPGA RPKNKSKVMP GASTKVETSA VGGARPKSKA KAIPVSRFKE EAQMWAQPRF GAERLSKTER NSQTNIISP LVSTDSVLVA KTKYLSEDR LVNTDTESFP RRAHYQAGF QPSFRSKEET NMGSWCCPRP TSKQEASPNS DFKWVDKSVS SLFWSGDEV AKFHGPNRVK DSNRSMHMAN QEANTMSRSQ TNQELYIASS SGSEDESVKT PFWWARDKTN TWSGPREDPN SRSRFRSKKE VYVESSSGSE HEDHLESWFG AGKEAKFRSK MRAGKEANNR ARHRAKREAC IDFMPSIDV IKKESCFWPE ENANTFSRPM IKKEARARAM TKEEAKTKAR ARAKQEARSE EEALIGTWWF ATDESSMADE ASIESSLQVE DESIIGSWFW TEEEASMG TG ASSKSRPRTD GERIGDSLFG AREKTSMTG AEATSESLA ADDEQVIIGS WFWAGEEVNQ EEEEEIFGS WFWVIDAASV ESGVGVSCES RTRSEEEVI GPWFWSGEQV DIEAGIGEEA RPGAEEETIF GSWFWAENQT YMDCRAETSC DTMQGAEIEE PIIGSWFWTR VEACVEGDVN SKSSLEDKEE AMIPCFGAKE EVSMKHGTGV

RCRFMAGAAEE TNNKSCFWAE KEPCMYPAGG GSWKSRPEEE EDIVNSWFWS RKYTKPEAII
GSQLWATEES NIDGTGEKAK LLTEETIIN SWFWKEDEAI SEATDREESR PEAEEGDIIG
SWFWAGEEDR LEPAAETREE DRLAAEKEGI VGSWFGAREE TIRREAGSCS KSSPKAEEEE
VIIGSWFWEE EASPEAVAGV GFESKPGTEE EEITVGSWFW PEEEASIQAG SQAVEEMESE
TEETIFGSW FWDGKEVSEE AGPCCVSKPE DDEEMIVESW FWSRDKAIKE TGTVATCESK
PENEEGAIVG SWFEAEDEV D NRTDNGSNCG SRTLADEDEA IVGSWFWAGD EAHFESNPSP
VFRAICRSTC SVEQEPDPSR RPQSWEEVTV QFKPGPWGRV GFPSISPRF PKEAASLFCE
MFGGKPRNMV LSPEGEDQES LLQPDQPSPE FPFQYDPSYR SVQEIREHLR AKESTEPESS
SCNCIQCELK IGSEEFELL LLMEKIRDPF IHEISKIAMG MRSASQFTRD FIRDSGVVSL
IETLLNYPSS RVRTSFLNM IRMAPPYPL NIIQTYICKV CEETLAYSVD SPEQLSGIRM
IRHLTTTTDY HTLVANYMSG FLSLLATGNA KTRFHVLKML LNLSENLFMT KELLSAEAVS
EFIGLFNREE TNDNIQIVLA IFENIGNNIK KETVFSDDDF NIEPLISAFH KVEKFAKELQ
GKTDNQNDPE GDQEN **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:12142540, ECO:0000269 PubMed:15452121, ECO:0000269 PubMed:23954414}.
Molecular Weight:	156.9 kDa
UniProt:	Q5JY77

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