



Recombinant Human GRB2-associated-binding protein 1 (GAB1)

Product Code	CSB-EP614416HU-B
Abbreviation	GAB1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13480
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSGGEVVCSSG WLRKSPPEKK LKRYAWKRRW FVLRSGRLTG DPDVLEYKYN DHAKKPIRII DLNLCQQVDA GLTFNKKEFE NSYIFDINTI DRIFYLVADS EEEMNKWVRC ICDICGFNPT EEDPVKPPGS SLQAPADLPL AINTAPPSTQ ADSSSATLPP PYQLINVPPH LETLGIQEDP QDYLLINCQ SKKPEPTRTH ADSAKSTSSE TDCNDNVPSH KNPASSQSKH GMNGFFQQQM IYDSPPSRAP SASVDSSLYN LPRSYSHDVL PKVSPSSTEA DGELYVFNTS SGTSSVETQM RHVSISYDIP PTPGNTYQIP RTFPEGTLGQ TSKLDITPDI PPPRPPKPHP AHDRSPVETC SIPRTASDTD SSYCIPTAGM SPSRNTIST VDLNKLKDKA SSQDCYDIPR AFPSDRSSSL EGFHNHFVKV NVLTVGSVSS EELDENYVPM NPNSPPRQHS SSFTEPIQEA NYVPMTPGTF DFSSFGMQVP PPAHMGFRSS PKTPPRRPVP VADCEPPPVD RNLKPDRKVK PAPLEIKPLP EWEELQAPVR SPITRSFARD SSRFPMSPRP DSVHSTTSSS DSHDSEENYV PMNPNLSSSE PNLFGSNSLD GGSSPMIKPK GDKQVEYLDL DLDSGKSTPP RKQKSSGSGS SVADERVDYV VVDQKQTLAL KSTREAWTDG RQSTESSETPA KSVK
Source	E.coli
Target Names	GAB1
Protein Names	Recommended name: GRB2-associated-binding protein 1 Alternative name(s): GRB2-associated binder 1 Growth factor receptor bound protein 2-associated protein 1
Expression Region	1-694
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in



cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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