



# Recombinant Human GRB2-associated-binding protein 2 (GAB2)

<b>Product Code</b>	CSB-MP892175HU
<b>Abbreviation</b>	GAB2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9UQC2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSGGGDVVCT GWLRKSPPEK KLRRYAWKKR WFILRSGRMS GDPDVLEYYK NDHSKKPLRI INLNFCEQVD AGLTFNKKEL QDSFVFDIKT SERTFYLVAE TEEDMNKVVQ SICQICGFNQ AEESTDSLRL VSSAGHGPRS SPAELSSSSQ HLLRERKSSA PSHSSQPTLF TFEPPVSNHM QPTLSTSAPQ EYLYLHQCIS RRAENARSAS FSQGTRASFL MRSDTAVQKL AQQNGHCVNG ISGQVHGFYS LPKPSRHNTF FRDSTYDLPR SLASHGHTKG SLTGSETDNE DVYTFKTPSN TLCREFGDLL VDNMDVPATP LSAYQIPRTF TLDKNHNAMT VATPGDSAIA PPRPPKPSQ AETPRWGSPQ QRPPISENSR SVAATIPRRN TLPAMDNSRL HRASSCETYE YPQRGGESAG RSAESMSDGV GSFLPGKMIV GRSDSTNSED NYVPMNPGSS TLLAMERAGD NSQSVYIPMS PGAHHFDSLQ YPSTTLPVHR GPSRGSEIQP PPVNRNLKPD RKAKPTPLDL RNNTVIDELP FKSPITKSWR RANHTFNSSS SQYCRPISTQ SITSTDSGDS EENYVPMQNP VSASPVPSGT NSPAPKKSTG SVDYLALDFQ PSSPSPHRKP STSSVTSDEK VDYVQVDKEK TQALQNTMQE WTDVRSQSEP SKGAKL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GAB2
<b>Protein Names</b>	Recommended name: GRB2-associated-binding protein 2 Alternative name(s): GRB2-associated binder 2 Growth factor receptor bound protein 2-associated protein 2 pp100
<b>Expression Region</b>	1-676
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for



transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. This protein is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described 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**

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.