



Recombinant Human GRB2-related adapter protein 2 (GRAP2)

Product Code	CSB-BP009884HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75791
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEAVAKFDFT ASGEDELSFH TGDVLKILSN QEEWFKAELG SQEGYVPKNF IDIQFPKWFH EGLSRHQAEN LLMGKEVGGF IIRASQSSPG DFSISVRHED DVQHFKVMRD NKGNYFLWTE KFPSLNKLVD YYRTNSISRQ KQIFLRDRTR EDQGHARGNSL DRRSQGGPHL SGAVGEEIRP SMNRKLSDHP PTLPLQQHQH QPQPPQYAPA PQQQLQPPQQ RYLQHHHFHQ ERRGGSLDIN DGHC GTGLGS EMNAALMHRR HTDPVQLQAA GRVRWARALY DFEALEDDEL GFHSGEVVEV LDSSNPSWWT GRLHNKLGLF PANYVAPMTR
Source	Baculovirus
Target Names	GRAP2
Protein Names	Recommended name: GRB2-related adapter protein 2 Alternative name(s): Adapter protein GRID GRB-2-like protein Short name= GRB2L GRBLG GRBX Grf40 adapter protein Short name= Grf-40 Growth factor receptor-binding pr
Expression Region	1-330
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 gene encodes a member of the GRB2/Sem5/Drk family. This member is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member, GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Transcript variants utilizing alternative polyA sites exist.
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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.