Recombinant Mouse GRB2-related adaptor protein 2 (Grap2)

Product Code	CSB-YP009884MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O89100
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MEATAKFDFM ASGEDELSFR TGDILKILSN QEEWLKAELG SQEGYVPKNF IDIEFPEWFH EGLSRHQAEN LLMGKDIGFF IIRASQSSPG DFSISVRHED DVQHFKVMRD TKGNYFLWTE KFPSLNKLVD YYRTTSISKQ KQVFLRDGTQ DQGHRGNSLD RRSQGGPHPS GTVGEEIRPS VNRKLSDHLP LGPQQFHPHQ QPSPQFTPGP QPPQQQRYLQ HFHQDRRGGS LDINDGHCGL GSEVNATLMH RRHTDPVQLQ AAGRVRWARA LYDFEALEED ELGFRSGEVV EVLDSSNPSW WTGRLHNKLG LFPANYVAPM MR
Source	Yeast
Target Names	Grap2
Protein Names	Recommended name: GRB2-related adaptor protein 2 Alternative name(s): Adapter protein GRID GADS protein GRB-2-like protein Short name= GRB2L GRB-2-related monocytic adapter protein Short name= MONA Short name= Mono
Expression Region	1-322
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.