

GRAP2, 1-330aa, Human, His tag, E.coli

Cat.NO.: TP02330

3th Edition

Synonyms:GRB2-related adaptor protein 2, GADS, GRB2L, GRBLG, GrbX, Grf40, GRID, GRPL, Mona, P38

Description:GRAP2, also known as GADS, is 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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,5mM DTT, 1mM EDTA, 30% glycerol

Molecular Weight:40.0 kDa (350aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMEAVAKFDFTASGEDELSFHTGDVLKILSNQEEWFKAELGSQEGYVPKNFIDIQF
PKWFHEGLSRHQAENLLMGKEVGFFIIRASQSSPGDFSISVRHEDDVQHFKVMRDNKGNYFLWTEKFPSLNKLVD
YYRTNSISRQKQIFLRDRTREDQGHGRGNSLDRRSQGGPHLSGAVGEEIRPSMNRKLSDHPPTLPLQQHQHQPPPP
QYAPAPQQLQPPQQRYLQHHHFHQERRGGSLDINDGHC GTGLGSEMNAALMHRRH TDPVQLQAAGRVRWAR
ALYDFEALEDDELGFHSGEVVEVL DSSNPSWWTGRLHNKLGLFPANYVAPMTR

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.