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32-3919: GRAP2 Recombinant Protein

Alternative Name :	GRB2-related adaptor protein 2,GADS,GRBLG,GRID,GRBX,Grf40,Mona,Adapter protein GRID,Growth factor receptor-binding protein,Hematopoietic cell-associated adapter protein GRPL,GRB2L,P38,GRB-2-like protein,SH3-SH2-SH3 adapter Mona,GRAP-2,

Description

Source : Escherichia Coli. GRAP2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (1-330.a.a) and having a molecular mass of 40.0kDa. GRAP2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GRAP2 belongs to the GRB2/Sem5/Drk family. GRAP2 is an adaptor-like protein has a part in leukocyte-specific protein-tyrosine kinase signaling. Similar to related family member, GRB2-related adaptor protein contains an SH2 domain flanked by two SH3 domains and it interacts with other proteins, for example GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The GRAP2 protein solution (0.5mg/ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT, 1mM EDTA and 30% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MEAVAKFDFT ASGEDELSFH TGDVLKILSN QEEWFKAELG SQEGYVPKNF IDIQFPKWFH EGLSRHQAEN LLMGKEVGFF IIRASQSSPG DFSISVRHED DVQHFKVMRD NKGNYFLWTE KFPSLNKLVD YYRTNSISRQ KQIFLRDRTR EDQGHRGNSL DRRSQGGPHL SGAVGEEIRP SMNRKLSDHP PTLPLQQHQH QPQPPQYAPA PQQLQQPPQQ RYLQHHHFHQ ERRGGSLDIN DGHCGTGLGS EMNAALMHRR HTDPVQLQAA GRVRWARALY DFEALEDDEL GFHSGEVVEV LDSSNPSWWT GRLHNKLGLF PANYVAPMTR.

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