

GRB2-Related Adaptor Protein 2 Human Recombinant

Item Number	rAP-3754
Synonyms	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, GRB2-
Description	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.
Uniprot Accession Number	O75791
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MEAVAKFDFT ASGEDELSFH TGDVLKILSN QEEWFKAELG SQEGYVPKNF IDIQFPKWFH EGLSRHQAEN LLMGKEVGFF IIRASQSSPG DFSISVRHED DVQHFKVMRD NKGNYFLWTE KFPSLNKLVD YYRTNSISRQ KQIFLRDRTR EDQGHARGNSL DRRSQGGPHL SGAVGEEIRP SMNRKLSDHP PTLPLQQHQH QPQPPQYAPA PQQLQPPQQ RYLQHFFHFHQ ERRGGSLDIN DGHCGTGLGS EMNAALMHRR HTDPVQLQAA GRVRWARALY DFALEDDEL GFHSGEVVEV LDSSNPSWWT GRLHNKLGLF PANYVAPMTR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	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. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**