

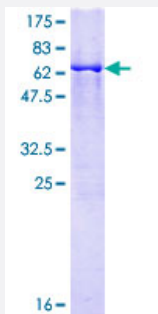
Full-Length

GRAP2 (Human) Recombinant Protein (P01)

Catalog # H00009402-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GRAP2 full-length ORF (NP_004801.1, 1 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEAVAKFDFTASGEDELSFHTGDVLKILSNQEEWFKAELGSQEGYVPKNFIDIQFPKWFHEGLSR
HQAENLLMGKEVGFFIIRASQSSPGDFSISVRHEDDVQHFVKMRDNKGNYFLWTEKFPSLNKLVD
YYRTNSISRQKQIFLRDRTREDQGHGNSLDRRSQGPHLSGAVGEEIRPSMNRKLSDHPPTLPL
QQHQHQPPQYAPAPQQLQQPPQQRYLQH HHFHQERRGGSLDINDGHC GTGLGSEMNAALM
HRRHTDPVQLQAAGRVRWARALYDFALEDDELGFHSGEVVEVLDSSNPSWWTGRLHNKLGLF
PANYVAPMTR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GRAP2

Entrez GeneID [9402](#)

GeneBank Accession# [NM_004810.2](#)

Protein Accession# [NP_004801.1](#)

Gene Name GRAP2

Gene Alias GADS, GRAP-2, GRB2L, GRBLG, GRID, GRPL, GrbX, Grf40, Mona, P38

Gene Description GRB2-related adaptor protein 2

Omim ID [604518](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations GRB-2-like protein|GRB2-related protein with insert domain|OTTHUMP00000028837|SH3-SH2-SH3 adaptor molecule|growth factor receptor-binding protein|growth factor receptor-bound protein 2-related adaptor protein 2|hematopoietic cell-associated adaptor protein

Pathway

- [T cell receptor signaling pathway](#)

Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Liver Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)