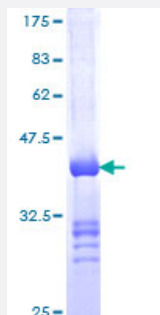


IQGAP2 (Human) Recombinant Protein (Q01)

Catalog # H00010788-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IQGAP2 partial ORF (NP_006624, 343 a.a. - 449 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MYQNELFNLQKQNTMNYLAHEELLIAVEMLSAVALLNQALESNDLVSQVQQLRSPAIGLNNLDKAY VERYANTLLSVKLEVLSQGQDNLSWNEIQNCIDMVNAQIQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Interspecies Antigen Sequence	Mouse (89); Rat (88)
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 — IQGAP2

Entrez GeneID [10788](#)

GeneBank Accession# [NM_006633](#)

Protein Accession# [NP_006624](#)

Gene Name IQGAP2

Gene Alias -

Gene Description IQ motif containing GTPase activating protein 2

Omim ID [605401](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. [provided by RefSeq]

Other Designations -

Pathway

- [Regulation of actin cytoskeleton](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hearing Loss](#)
- [Tobacco Use Disorder](#)