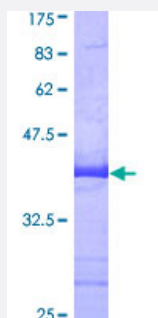


SH3BP2 (Human) Recombinant Protein (Q01)

Catalog # H00006452-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SH3BP2 partial ORF (AAH22996, 452 a.a. - 561 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PLPNSVVFVNTTESCEVERLFKATSPRGEPQDGLYCIRNSSTKSGKVLVWDETSNKVRNYRIFEK DSKFYLEGEVLFVSVGSMVEHYHTHVLP SHQSLLL RHPYGYTGPR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (96); Rat (95)
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 — SH3BP2

Entrez GeneID [6452](#)

GeneBank Accession# [BC022996](#)

Protein Accession# [AAH22996](#)

Gene Name SH3BP2

Gene Alias 3BP2, CRBM, CRPM, FLJ42079, RES4-23

Gene Description SH3-domain binding protein 2

Omim ID [118400 602104](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases, and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations -

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Tobacco Use Disorder](#)