

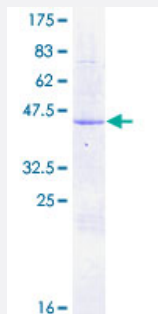
Full-Length

FKBP2 (Human) Recombinant Protein (P01)

Catalog # H00002286-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FKBP2 full-length ORF (NP_004461.2, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRLSWFRVLTVLSICLSAVATATGAEGKRKLQIGVKKRVDHCPIKSRKGDVLHMHYTGKLEDGTE FDSSLPQNQPFVFSLGTGQVIKGDQGLLGMCEGEKRKLVIPSELGYGERGAPPKIPGGATLVFE VELLKIERRTEL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42
Interspecies Antigen Sequence	Mouse (95); Rat (96)
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 — FKBP2

Entrez GeneID [2286](#)

GeneBank Accession# [NM_004470.2](#)

Protein Accession# [NP_004461.2](#)

Gene Name FKBP2

Gene Alias FKBP-13, PPlase

Gene Description FK506 binding protein 2, 13kDa

Omim ID [186946](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations FK506 binding protein 2 (13kD)|FK506-binding protein 2 (13kD)|peptidyl-prolyl cis-trans isomerase|proline isomerase|rapamycin-binding protein

Disease

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- [Diabetes Mellitus](#)
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