

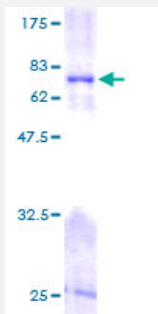
Full-Length

FKBP8 (Human) Recombinant Protein (P01)

Catalog # H00023770-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FKBP8 full-length ORF (AAH09966, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGQPPAEEAEQPGALAREFLAAMEPEPAPAPAPEEWLDILGNLLRKKTLVPGPPGSSRPVKG
PVVTVHLQTSLENGTRVQEEPELVFTLGDCDVIQALDSVPLMDVGETAMVTADSKYCYGPQGR
SPYIPPHAALCLEVTLKTAVDGPDLEMLTGQERVALANRRRECNAHYQRADFVLAANSYDLAIK
AITSSAKVDMTFEEEAQLQLKVKCLNNLAASQLKLDHYRAALRSCSLVLEHQPDNIKALFRKGKV
LAQQGEYSEAIPLRAALKLEPSNKTIHAELSKLVKKHAAQRSTETALYRKMLGNPSRLPAKCPGK
GAWSIPWKWLFGATAVALGGVALSVVIAARN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.79

Interspecies Antigen Sequence

Mouse (90); Rat (91)

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 — FKBP8

Entrez GeneID[23770](#)**GeneBank Accession#**[BC009966](#)**Protein Accession#**[AAH09966](#)**Gene Name**

FKBP8

Gene Alias

FKBP38, FKBP38

Gene Description

FK506 binding protein 8, 38kDa

Omim ID[604840](#)**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. Unlike the other members of the family, this encoded protein does not seem to have PPlase/rotamase activity. It may have a role in neurons associated with memory function. [provided by RefSeq]

Other Designations

FK506 binding protein 8 (38kD)|FK506-binding protein 8|FK506-binding protein 8 (38kD)

Publication Reference

- [Macrocycles that inhibit the binding between heat shock protein 90 and TPR-containing proteins.](#)

Ardi V, Alexander LD, Johnson VA, McAlpine SR.

ACS Chemical Biology 2011 Dec; 6(12):1357.

Application: Func, PI, Recombinant proteins