Recombinant Human FKBP6, GST-tagged

Cat. No. FKBP6-12915H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKBP6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	4-327a.a.
Description	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. The protein may have cis-trans prolyl isomerase activity, and binds to clathrin heavy chain and heat shock protein 72. This gene is found to be deleted in Williams syndrome, and the orthologous gene in mouse is essential for fertility and homologous pairing in male meiosis.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	FKBP6 FK506 binding protein 6, 36kDa [Homo sapiens]

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Official Symbol	FKBP6
Synonyms	FKBP6; FK506 binding protein 6, 36kDa; FK506 binding protein 6 (36kD); peptidyl-prolyl cis-trans isomerase FKBP6; FKBP36; immunophilin FKBP36; peptidylprolyl cis trans isomerase; PPIase; rotamase; FKBP-36; 36 kDa FKBP; PPIase FKBP6; FK506-binding protein 6; 36 kDa FK506-binding protein; MGC87179;
Gene ID	8468
mRNA Refseq	NM_001135211
Protein Refseq	NP_001128683
MIM	604839
UniProt ID	O75344
Chromosome Location	7q11.23
Pathway	Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Meiosis, organism-specific biosystem; Meiotic Synapsis, organism-specific biosystem;
Function	FK506 binding; binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity;

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