

Recombinant Full Length Human FKBP6 Protein, GST-tagged

Cat. No. FKBP6-4814HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FKBP6 full-length ORF (AAH36817.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	327 amino acids
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. [provided by RefSeq]
Molecular Mass	63.6 kDa
AA Sequence	MGGSALNQGVLEGDDAPGQSLYERLSQRMLDISGDRGVLKDVIREGAGDLVAPDA SVLVKYSYGYLEHMDRPFDSNYFRKTPRLMKLGEDITLWGMELGLLSMRRGELARFL FKPNYAYGTLGCPPLIPPNTTVLFEIELLDFLDCAESDKFCALSAEQQDQFPLQKVLK VAATEREFGNYLFRQNRFYDAKVRYKRALLLLRRRSAPPEEQHLVEAAKLPVLLNLS FTYLKLD RPTIALCYGEQALIIDQKNAKALFRCGQACLLLTEYQKARDFLVRAQKEQP FNHDINNELKKLASCYRDYVDKEKEMWHRMFAPCGDGSTAGES

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FKBP6 FK506 binding protein 6, 36kDa [Homo sapiens]
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

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