

Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP2/FKBP22/FKBP13 Protein(C-6His)

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3th Edition

Synonyms:Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short); also named 13 kDa FK506-binding protein; FK506-binding protein 2; Immunophilin FKBP13; Rotamase

Description:Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short), also named 13 kDa FK506-binding protein, FK506-binding protein 2, Immunophilin FKBP13, Rotamase, is a endoplasmic reticulum peripheral membrane protein. It contains 1 PPIase FKBP-type domain and belongs to the FKBP-type PPIase family, FKBP2 subfamily which takes part in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP2 is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. FKBP2 functions as an ER chaperone and as a component of membrane cytoskeletal scaffolds.

Form:PBS

Molecular Weight:14.3 kDa

Sequences:Ala22-Leu142

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.