# **Recombinant Human FKBP2 Protein (His Tag)**

Catalog Number: PKSH032875



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Synonyms Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short);also named 13 kDa

FK506-binding protein;FK506-binding protein 2;Immunophilin FKBP13;Rotamase

Species Human

**Expression Host** HEK293 Cells **Sequence** Ala22-Leu142

AccessionP26885Calculated Molecular Weight14.3 kDaObserved molecular weight17 kDaTagC-His

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Storage Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

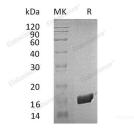
**Shipping** This product is provided as liquid. It is shipped at frozen temperature with blue

ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Formulation Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mm NaCl, pH 7.5.

**Reconstitution** Not Applicable

#### Data



> 95 % as determined by reducing SDS-PAGE.

### **Background**

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.

#### For Research Use Only

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