



Recombinant Protein Technical Manual

Recombinant Human FKBP2 Protein (His Tag)

RPES1564

Product Data:

Product SKU: RPES1564

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P26885

Protein Information:

Molecular Mass: 14.3 kDa

AP Molecular Mass: 17 kDa

Tag: C-6His

Bio-activity:

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

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

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 TrisHCl, 150mM NaCl, pH7.5.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Ala22-Leu142

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.