

Recombinant Human FKBP2 Protein (His Tag)

Catalog Number:PKSH032875



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

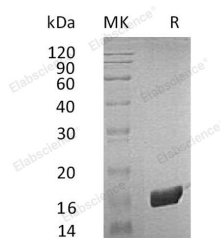
Description

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
Accession	P26885
Calculated Molecular Weight	14.3 kDa
Observed molecular weight	17 kDa
Tag	C-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	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.

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