

# Recombinant Human FKBP2 Protein (His Tag)

Catalog Number:PKSH032875



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

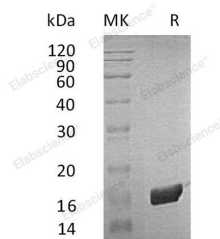
## Description

|                                    |   |
|------------------------------------|---|
| <b>Synonyms</b>                    | Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short);also named 13 kDa FK506-binding protein;FK506-binding protein 2;Immunophilin FKBP13;Rotamase |
| <b>Species</b>                     | Human   |
| <b>Expression Host</b>             | HEK293 Cells  |
| <b>Sequence</b>                    | Ala22-Leu142  |
| <b>Accession</b>                   | P26885  |
| <b>Calculated Molecular Weight</b> | 14.3 kDa  |
| <b>Observed molecular weight</b>   | 17 kDa  |
| <b>Tag</b>                         | C-His   |

## Properties

|                       |  |
|-----------------------|--|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.   |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.  |
| <b>Storage</b>        | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.   |
| <b>Shipping</b>       | 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. |
| <b>Formulation</b>    | Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.   |
| <b>Reconstitution</b> | 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 an 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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