

Recombinant Human FKBP3/FKBP25 Protein (His Tag)

Catalog Number: PKSH032876



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

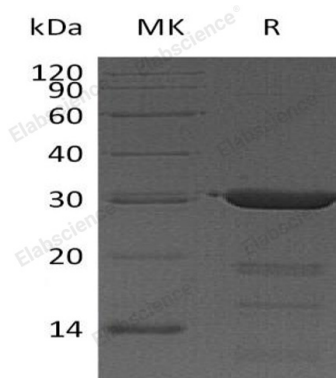
Description

| | |
|---------------------|----------------------------|
| Species | Human |
| Mol_Mass | 27.3 kDa |
| Accession | Q00688 |
| Bio-activity | Not validated for activity |

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, 1mM DTT, 10% Glycerol, pH 8.0. |
| Reconstitution | Not Applicable |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

FKBP25 contains 1 PPIase FKBP-type domain; belongs to the FKBP-type PPIase family. FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two distinct cytoplasmic signal transmission pathways. FKBP3 is a cis-trans prolyl isomerase enzyme that binds the immunosuppressants FK506 and rapamycin; as well as histone deacetylases; the transcription factor YY1; casein kinase II; and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.

For Research Use Only

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