

FKBP2 Protein, Human, Recombinant (His)

General Information

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| Synonyms: | also named 13 kDa FK506-binding protein;FK506-binding protein 2;Immunophilin FKBP13; Rotamase;Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short) |
| Protein Construction: | Ala22-Leu142 |
| Species: | Human |
| Expression Host: | HEK293 Cells |
| Accession: | P26885 |
| Molecular Weight: | 17 KDa (reducing condition) |
| AA Sequence: | Ala22-Leu142 |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | Greater than 95% as determined by reducing SDS-PAGE. (QC verified) |
| Endotoxin: | < 0.1 ng/μg (1 EU/μg) as determined by LAL test. |
| Formulation: | Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 150mm NaCl, pH 7.5. |

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481