

## 32-7894: Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP2/FKBP22/FKBP13 (C-6His)

**Gene :** FKBP2

**Gene ID :** 2286

**Uniprot ID :** P26885

### Description

Source: Human Cells.

MW :14.3kD.

Recombinant Human PPIase FKBP2 is produced by our Mammalian expression system and the target gene encoding Ala22-Leu142 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mm NaCl,pH7.5.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** ATGAEGKRKLQIGVKRVDHCPIKSRKGDVLHMHYTGKLEDGTEFDSSLPQNQPPFVFSLGTGQVIK  
GWDQGLLGMCCEGKRKLVIPSELGYGERGAPPKIPGGATLVFEVELLKIERRTELVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.