

## Recombinant Human FKBP14 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** FKBP14-6197H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FKBP14 MS Standard C13 and N15-labeled recombinant protein (NP_060416) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | The protein encoded by this gene is a member of the FK506-binding protein family of peptidyl-prolyl cis-trans isomerases. The encoded protein is found in the lumen of the endoplasmic reticulum, where it is thought to accelerate protein folding. Defects in this gene are a cause of a type of Ehlers-Danlos syndrome (EDS). Both a protein-coding variant and noncoding variants are transcribed from this gene. |
| <b>Molecular Mass</b>   | 24.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MRLFLWNAVLTLFVTSLIGALIPPEVKIEVLQKPFICHRKTKGGDLMLVHYEGYLEKD<br>GSLFHSTHKHNNGQPIWFTLGILEALKGWDQGLKGMCVGEKRKLIIPPALGYGKEGK<br>GKIPPESTLIFNIDLLEIRNGPRSHESFQEMDLNDDWKLKDEVKAYLKKEFEKHGAV<br>VNESHHDALVEDIFDKEDEDKDGFIAREFTYKHDELTRTRPLEQKLISEEDLAANDIL<br>DYKDDDDKV                                                                                                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                           |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                                                                        |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** FKBP14 FKBP prolyl isomerase 14 [ Homo sapiens (human) ]

**Official Symbol** FKBP14

**Synonyms** FKBP14; FK506 binding protein 14, 22 kDa; FK506 binding protein 14 (22 kDa); peptidyl-prolyl cis-trans isomerase FKBP14; FKBP22; FLJ20731; FKBP-22; rotamase; 22 kDa FKBP; PPIase FKBP14; FK506-binding protein 14; 22 kDa FK506-binding protein; EDSKMH;

**Gene ID** 55033

**mRNA Refseq** NM\_017946

**Protein Refseq** NP\_060416

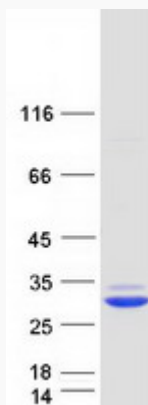
**MIM** 614505

**UniProt ID** Q9NWM8

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**SDS-PAGE**

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