

Human recombinant protein FKBP14
Human Recombinant FKBP14
Catalog # PBV10591r**Specification****Human recombinant protein FKBP14 - Product info**

Primary Accession	O9NWM8
Concentration	1
Calculated MW	24.2 kDa (213 aa, 20-211 aa + NT His Tag) KDa

Human recombinant protein FKBP14 - Additional Info

Gene ID	55033
Gene Symbol	FKBP14
Other Names	
Peptidyl-prolyl cis-trans isomerase FKBP14, FKBP22	
Gene Source	Human
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MALIPEPEVK IEVLQKPFIC HRKTKGGDLM LVHYEGYLEK DGSLFHSTHK HNNGQPIWFT LGILEALKGW DQGLKGMCVG EKRKLIIPPA LYGKKEGKGK IPPESTLIFN IDLLEIRNGP RSHEFSQEMD LNDDWKLSKD EVKAYLKKEF EKHGAVVNES HHDALVEDIF DKEDEDKDG F ISAREFTYKH DEL

Format
Liquid**Storage**
-80°C; 1 mg/ml solution in PBS (pH 7.4) containing 10% glycerol.**Human recombinant protein FKBP14 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

Human recombinant protein FKBP14 - Images

Human recombinant protein FKBP14 - Background

FKBP14 enzyme accelerates the folding of proteins during protein synthesis. It contains 2 EF-hand domains and one PPlase FKBP-type domain. Truncation of the amino-terminus of FKBP14 significantly decreases peptidyl prolyl cis-trans isomerase activity, therefore suggesting that the PPlase FKBP-type domain must be located at the N-terminus.

Human recombinant protein FKBP14 - References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).
Baumann M.,et al.Am. J. Hum. Genet. 90:201-216(2012).