

Human FKBP14 Recombinant Protein



RPPB1638

Product Information Protein Information

Product SKU:

RPPB1638

Accession:

Q9NWM8

Host:

Escherichia Coli.

Protein description:

FKBP14 Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (20-211 a.a.) and having a molecular mass of 24.2 kDa. The FKBP14 is fused to 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

FKBP22, FKBP-14, FK506 Binding Protein 14, FKBP14, EC=5.2.1.8, PPlase FKBP14, Peptidyl-prolyl cis-trans isomerase FKBP14, FLJ20731.

Formulation:

FKBP14 Human (1mg/ml) solution containing 1x PBS pH-7.4, & 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MALIPEPEVK IEVLQKPFIC HRKTKGGDLM LVHYEGYLEK DGSLFHSTHK
HNNGQPIWFT LGILEALKGW DQGLKGMCVG EKRKLIIPPA LYGKKEGK GK IPPESTLIFN IDLLEIRNGP
RSHESFQEMD LNDDWKLSKD EVKAYLKKEF EKHGAVVNES HHDALVEDIF DKEDEDKDG F ISAREFTYKH DEL.

Biological Activity:

Specific activity is > 240 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25°C in Tris-HCl pH8.0 using chymotrypsin.