9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6717: Cyclophilin A Mouse

Alternative Name : Peptidyl-prolyl cis-trans isomerase A, PPIase A, Cyclophilin A, Cyclosporin A-binding protein, Rotamase A, SP18, Peptidyl-prolyl cis-trans isomerase A, N-terminally processed, Ppia, 2700098C05 Cphn, CyP-18, CypA.

Description

Source: E.coli.
Sterile Filtered colorless solution.
PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. Cyclophilin-A is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. Cyclophilin-A can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported.
Cyclophilin A Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 187 amino acids (1-164a.a.) and having a molecular mass of 20.4kDa.Cyclophilin A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	Cyclophilin A protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMVNPTVF FDITADDEPL GRVSFELFAD KVPKTAENFR ALSTGEKGFG YKGSSFHRII PGFMCQGGDF TRHNGTGGRS IYGEKFEDEN FILKHTGPGI LSMANAGPNT NGSQFFICTA KTEWLDGKHV VFGKVKEGMN IVEAMERFGS RNGKTSKKIT ISDCGQL.

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