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

32-2329: FKBP6 Recombinant Protein

Alternative Name : FKBP36,EC 5.2.1.8,FKBP-6,PPIase,MGC87179,FK506-binding protein 6,Rotamase.

Description

Source : FKBP6 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 347 amino acids (1-327 a.a.) and having a molecular mass of 39.3 kDa. FKBP6 protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography. FKBP6 is part of the immunophilin protein family, and is involved in immunoregulation and basic cellular functions involving protein folding and trafficking. FKBP6 is widely expressed in all tissues, FKBP6 is present at utmost levels in testis, liver, kidney, skeletal muscle and heart. Deletion of FKBP6 contributes to hypercalcemia and growth delay in Williams-Beuren syndrome.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	FKBP6 Human solution containing 20mM Trsi HCL pH-8, 1mM DTT, 1mM EDTA, 50mM NaCl & 40% glycerol.
Storage condition :	FKBP6 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGGSALNQGV LEGDDAPGQS LYERLSQRML DISGDRGVLK DVIREGAGDL VAPDASVLVK YSGYLEHMDR PFDSNYFRKT PRLMKLGEDI TLWGMELGLL SMRRGELARF LFKPNYAYGT LGCPPLIPPN TTVLFEIELL DFLDCAESDK FCALSAEQQD QFPLQKVLKV AATEREFGNY LFRQNRFYDA KVRYKRALLL LRRRSAPPEE QHLVEAAKLP VLLNLSFTYL KLDRPTIALC YGEQALIIDQ KNAKALFRCG QACLLLTEYQ KARDFLVRAQ KEQPFNHDIN NELKKLASCY RDYVDKEKEM WHRMFAPCGD GSTAGES.

Application Note

Specific activity is > 190 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.