

Product datasheet for PH302200

FKBP25 (FKBP3) (NM_002013) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FKBP3 MS Standard C13 and N15-labeled recombinant protein (NP_002004)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202200
Predicted MW:	25.2 kDa
Protein Sequence:	>RC202200 protein sequence Red=Cloning site Green=Tags(s) MAAAVPQRAWTVELRSEQLPKKDIKFLQEHGSDSFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETK RFKGTESIISKVSEQVKNVKLNEDKPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDVVHCWYGTGLQ DGTVFDTNIQTSAKKKNAKPLSFKVGVGKVIKRWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAAKIPP NAKLTFEVELVDID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002004
RefSeq Size:	1353
RefSeq ORF:	672
Synonyms:	FKBP-3; FKBP-25; FKBP25; PPlase
Locus ID:	2287
UniProt ID:	Q00688



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Cytogenetics: 14q21.2

Summary: The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin. [provided by RefSeq, Sep 2008]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified FKBP3 protein (Cat# [TP302200]). The protein was produced from HEK293T cells transfected with FKBP3 cDNA clone (Cat# [RC202200]) using MegaTran 2.0 (Cat# [TT210002]).