

Product datasheet for PH310573

FKBP2 (NM_004470) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FKBP2 MS Standard C13 and N15-labeled recombinant protein (NP_004461)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210573
Predicted MW:	15.6 kDa
Protein Sequence:	>RC210573 protein sequence Red=Cloning site Green=Tags(s) MRLSWFQVLTVLSICLSAVATATGAEGKRKLQIGVKRVDHCPKSRKGDVLHMHYTGKLEDGTEFDSSL PQNQPFVFSLGTGQVIKGDQGLLGMCEGEKRKLVIPSELGYGERGAPPKIPGGATLVFEVELLKIERRT EL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_004461
RefSeq Size:	747
RefSeq ORF:	426
Synonyms:	FKBP-13; FKBP13; PPIase
Locus ID:	2286
UniProt ID:	P26885 , Q53XJ5



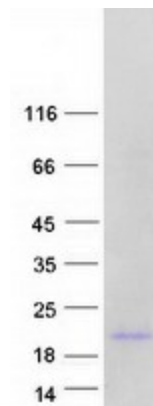
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Cytogenetics: 11q13.1

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. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FKBP2 protein (Cat# [TP310573]). The protein was produced from HEK293T cells transfected with FKBP2 cDNA clone (Cat# [RC210573]) using MegaTran 2.0 (Cat# [TT210002]).