

Product datasheet for PH302674

FKBP14 (NM_017946) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FKBP14 MS Standard C13 and N15-labeled recombinant protein (NP_060416)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202674
Predicted MW:	24.2 kDa
Protein Sequence:	>RC202674 protein sequence Red=Cloning site Green=Tags(s) MRLFLWNAVLTLFVTSLIGALIPPEVKIEVLQKPFICHRKTKGGDLMLVHYEGYLEKDGSLFHSTHKHN NGQPIWFTLGILEALKGWDQGLKGMCVGEKRKLIIPPALGYGKEGKGKIPPESTLIFNIDLLEIRNGPRS HESFQEMDLNDDWKLKDEVKAYLKKFEKKGAVVNESHHDALVEDIFDKEDEKDGFI SAREFTYKHDE L 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- 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:	<u>NP_060416</u>
RefSeq Size:	5086
RefSeq ORF:	633
Synonyms:	EDSKMH; EDSKSCL2; FKBP22; IPBP12
Locus ID:	55033
UniProt ID:	<u>Q9NWM8</u> , <u>A0A090N7V8</u>



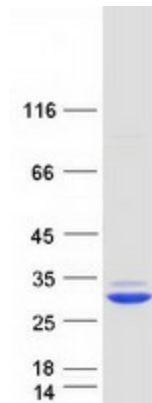
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Cytogenetics: 7p14.3

Summary: The protein encoded by this gene is a member of the FK506-binding protein family of peptidyl-prolyl cis-trans isomerases. The encoded protein is found in the lumen of the endoplasmic reticulum, where it is thought to accelerate protein folding. Defects in this gene are a cause of a type of Ehlers-Danlos syndrome (EDS). Both a protein-coding variant and noncoding variants are transcribed from this gene. [provided by RefSeq, Mar 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FKBP14 protein (Cat# [TP302674]). The protein was produced from HEK293T cells transfected with FKBP14 cDNA clone (Cat# [RC202674]) using MegaTran 2.0 (Cat# [TT210002]).