OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH303083

FXC1 (TIMM10B) (NM_012192) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FXC1 MS Standard C13 and N15-labeled recombinant protein (NP_036324)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203083
Predicted MW:	11.6 kDa
Protein Sequence:	>RC203083 protein sequence Red=Cloning site Green=Tags(s) MERQQQQQQQLRNLRDFLLVYNRMTELCFQRCVPSLHHRALDAEEEACLHSCAGKLIHSNHRLMAAYVQL MPALVQRRIADYEAASAVPSVAAEQPGVSPSGS 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- 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_036324
RefSeq Size:	2861
RefSeq ORF:	309
Synonyms:	FXC1; Tim9b; TIM10B
Locus ID:	26515
UniProt ID:	Q9Y5J6, B2R4A9
Cytogenetics:	11p15.4

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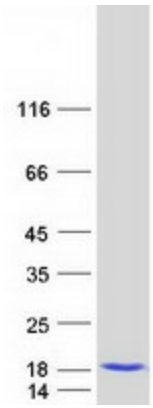
Summary: FXC1, or TIMM10B, belongs to a family of evolutionarily conserved proteins that are organized in heterooligomeric complexes in the mitochondrial intermembrane space. These proteins mediate the import and insertion of hydrophobic membrane proteins into the mitochondrial inner membrane.[supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified TIMM10B protein (Cat# [TP303083]). The protein was produced from HEK293T cells transfected with TIMM10B cDNA clone (Cat# [RC203083]) using MegaTran 2.0 (Cat# [TT210002]).