

Product datasheet for PH321353

FAM171A1 (NM_001010924) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM171A1 MS Standard C13 and N15-labeled recombinant protein (NP_001010924)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221353
Predicted MW:	97.7 kDa
Protein Sequence:	>RC221353 representing NM_001010924 Red =Cloning site Green =Tags(s)

MSRSATLLCLLGCHVWKAVTKTLREPGAGAEVTLKVVHISDASTHQPVADALIEFTNQASIASGTS
 DGVAFIKFQYKLGSQLIVTASKHAYVPNSAPWKPIRLPVFSSLSGLLPERSATLMVYEDVVQIVSGFQG
 ARPQPRVHFQRRALRLPENTSYSDLTAFLTAASSPSEVDSFPYLRGLDGNGTGNSTRHDLTPVTAVSVHL
 LSSNGTPVLVDGPIYVTVPLATQSSLRHNAYVAAWRFQKLGTLKSGGLVHQEGSQLTWYIAPQLGY
 WVAAMSPPIPGPVVTQDITTYHTVFLAILGGMAFILLVLLCLLLYYCRRKCLKPRQHRKLQLPAGLES
 SKRDQSTSMHINLLFSRRASEFPGPLSVTSHGRPEAPGKELMSGVHLEMMSPGGEDLHTPMLKLSYS
 TSQEFSSREELLSCKEEDKSQISFDNLTPSGTLGKDYHKSVEVFLKARKSMEREGYESSGNDYRGSYN
 TVLSQPLFEKQDREGPASTGSKLTIQEHLYPAPSSPEKEQLLDRRPTECMMSRSVDHLERPTSFRPRGQL
 ICCSSVDQVNDVYRKVLPALVIPAHYMKLPGDHSYVSQPLVVPADQQLIEIRLQAELSNPAGIFPHPS
 SSIQPPQLSSQAISSQHLQDAGTREWSPQNASMSESLIPASLNDAAALQMNSEVQLLTKALMELGGGK
 PLPHPRAWFVSLDGRSNAHVRSYIDLQRAGRNGSNDASLDSGDMNEPKSARKGRGDALSLQQNYPPVQ
 EHQQKEPRAPDSTAYTQLVYLDDEVEQSGSECGTTVCTPEDSALRCLLEGSSRRSGQLPSLQEETTRRTA
 DAPSEPAASPHQRRSAHEEEEDDDDDQGEDKKSPWQKREERPLMAFNIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

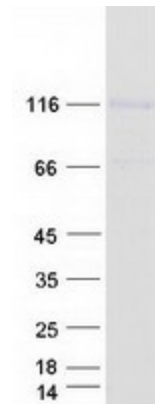
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	<u>NP_001010924</u>
RefSeq Size:	3964
RefSeq ORF:	2670
Synonyms:	APCN; C10orf38
Locus ID:	221061
UniProt ID:	<u>Q5VUB5</u> , <u>Q9Y438</u> , <u>B3KMX9</u>
Cytogenetics:	10p13
Summary:	Involved in the regulation of the cytoskeletal dynamics, plays a role in actin stress fiber formation.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified FAM171A1 protein (Cat# [TP321353]). The protein was produced from HEK293T cells transfected with FAM171A1 cDNA clone (Cat# [RC221353]) using MegaTran 2.0 (Cat# [TT210002]).