

## Product datasheet for PH321662

### RAI16 (FAM160B2) (NM\_022749) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FAM160B2 MS Standard C13 and N15-labeled recombinant protein (NP_073586)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221662
Predicted MW:	82.2 kDa
Protein Sequence:	>RC221662 representing NM_022749 Red=Cloning site Green=Tags(s)

MLSRLGALLQEAVGAREPSIDLLQAFVEHWKGITHYYIESTDESTPAKKTIPWRLKQMLDILVYEEQQQ  
AAAGEAGPCLEYLLQHKILETLCTLGKAEYPPGMRQQVFQFFSKVLAQVQHPLLHYLSVHRPVQKLLRLG  
GTASGSVTEKEEVQFTTVLCSKIQQDPELLAYILEGKKIVGRKKACGEPTALPKDTTSHGDKDCSHDGP  
ARPQLDGESCGAQLNSHMPAETEELDGGTTESNLITSLGLCQSKSRVALKAQENLLLVSMA SPAAA  
TYLVQSSACCPAIVRHLCQLYRSM PVFLDPADIATLEGISWRLPSAPSDEASFPGKEALAAFLGWFDYCD  
HLITEAHTVVADALAKAVAENFFVETLQPQLLVHSEQSILTSTALLTAMLRQLRSPALLREAVAFLLGTD  
RQPEAPGDNPHLYAHLIGHCDHLSDEISITTLRLFEELLQKPHEGIHSLVLRNLEGRPVYVAVGSPPE  
SYEDTLDEEDPYFTDSFLDSGFQTPAKPRLAPATSYDGKTAVTEIVNSFLCLVPEEAKTSAFLEETGYD  
TYVHDAYGLFQECSSRVASWGWPLTPTPLDPHEPERPFFEGHFLRVLFD RMSRILDQPYSNLQVTSVLS  
RLALFPHPIHEYLLDPYISLAPGCRSLFSVLVVRVIGDLMQRIQRVPQFP GKLLLVRKQLTGQAPGEQLD  
HQTLQGVVVLEEFCKELAAIAFVKFPPHDP RQNVSPAPEGQV

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:	<a href="#">NP_073586</a>

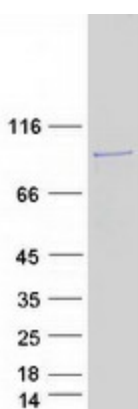


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RefSeq Size:	3759
RefSeq ORF:	2229
Synonyms:	RAI16
Locus ID:	64760
UniProt ID:	<a href="#">Q86V87</a>
Cytogenetics:	8p21.3

**Summary:** Able to activate MAPK/ERK and TGFB signaling pathways (PubMed:22971576). May regulate the activity of genes involved in intestinal barrier function and immunoprotective inflammation (By similarity). May play a role in cell proliferation (PubMed:22971576). [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified FAM160B2 protein (Cat# [TP321662]). The protein was produced from HEK293T cells transfected with FAM160B2 cDNA clone (Cat# [RC221662]) using MegaTran 2.0 (Cat# [TT210002]).