

Product datasheet for TP321662

RAI16 (FAM160B2) (NM_022749) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 160, member B2 (FAM160B2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221662 representing NM_022749 Red=Cloning site Green=Tags(s)

MLSRLGALLQEAVGAREPSIDLLQAFVEHWKGIHYIESTDESTPAKKTIPWRLKQMLDILVYEEQQQ
AAAGEAGPCLEYLLQHKILETLCTLGKAEYPPGMRQQVFQFFSKVLAQVQHPLLHYLSVHRPVQKLLRLG
GTASGSVTEKEEVQFTTVLCSKIQQDPELLAYILEGKKIVGRKKACGEPTALPKDTTSHGDKDCSHDGAP
ARPQLDGESCGAQUALNSHMPAETEELDGGTTESNLITSLGLCQSKSRVALKAQENLLLLVSMASPA
TYLVQSSACCPAIVRHLCQLYRSMPVFLDPADIATLEGISWRLPSAPSDEASFGKEALAAFLGWFYCD
HLITEAHTVADALAKAVAENFFVETLQPQLLVHSEQSILTSTALLTAMLRQLRSPALLREAVAFLLGTD
RQPEAPGDNPHLYAHLIGHCDHLSDEISITLRLFEELLQKPHEGIIHSLVLRNLEGRPYVAVWGSPEPE
SYEDTLDLEEDPYFTDSFLDSGFQTPAKPRLAPATSYDGKTAVTEIVNSFLCLVPEEAKTSAFLEETGYD
TYVHDAYGLFQECSSRVASWGWPLTPTPLDPHEPERPFEGHFLRVLFDMSRILDQPYSLNLQVTSVLS
RLALFPHPHIHEYLLDPYISLAPGCRSLFSVLVRVIGDLMQRIQRVPQFPGKLLLVRKQLTGQAPGEQLD
HQTLQGVVVLEEFCKELAAIAFVKFPPHDPQRQNVSPAPEGQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

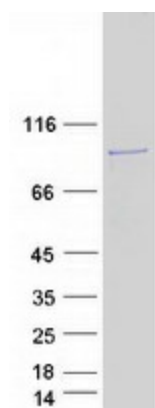
Tag:	C-Myc/DDK
Predicted MW:	82.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_073586
Locus ID:	64760
UniProt ID:	Q86V87
RefSeq Size:	3759
Cytogenetics:	8p21.3
RefSeq ORF:	2229
Synonyms:	RAI16
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]).