

Product datasheet for PH304341

RASEF (NM_152573) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RASEF MS Standard C13 and N15-labeled recombinant protein (NP_689786)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204341
Predicted MW:	82.9 kDa
Protein Sequence:	>RC204341 protein sequence Red =Cloning site Green =Tags(s)

MEADGDGEELARLRVFAACDANRSGRLEREEFRALCTELRVRPADAEAVFQRLDADRDGAI TFQEFARG
 FLGSLRGRRRDWGPLDPAPAVSEAGPETHDSEEDGDEDA AALATSCGPASPGRAWQDFQARLGDEAK
 FIPREEQVSTLYQNINLVEPRLIQPYEHVKNFIREIRLQSTEMENLAIYKRAQDKAAMQLSELEEEMD
 QRIQAAEHKTRKDEKRKAEALSDLRRQYETEVGDLQVTIKKLRLKEEQSKRVSQKEDVAALKKQIYDLS
 MENQKVKKDLLAQTNIAFLQSELDALKSDYADQSLNTERDLEIRAYTEDRNSLERQIEILQTANRKLH
 DSNDGLRSALENSYSKFNRLHINNISPNTISRSSPKFIGHSPQPLGYDRSSRSYVDEDCDSLALCDP
 LQRTNCEVDSLPESCFDSGLSTLRDPNEYDSEVEYKHQRFQRSHGVQESFGGDASD TDVPDIRDEETFG
 LEDVASVLDWKPGQSVSEGSIVSSSRKPISALSPQTDLVDDNAKSFSSQKAYKIVLAGDAAVGKSSFLMR
 LCKNEFRENISATLGVD FQMKTLIVDGERTVLQLWDTAGQERFRSIAKSYFRKADGVLLLYDVTCEKSFL
 NIREWVDMIEDAAHETVPIMLVGNKADIRDTAATEGQKCVPGHFGEKLAMTYGALFCETSAKDGSNIVEA
 VLHLAREVKKRTDKDDSR SITNLGTGNSKKSPQMKNCNG

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	NP_689786

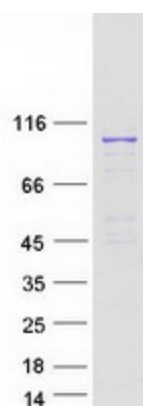

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RefSeq Size: 5594
 RefSeq ORF: 2220
 Synonyms: RAB45
 Locus ID: 158158
 UniProt ID: [Q8IZ41](#)
 Cytogenetics: 9q21.32

Summary: This gene is a member of the Rab family of GTPases that are involved in regulation of membrane traffic. The encoded protein contains an N-terminal EF-hand domain, a coiled-coil motif and a C-terminal Rab domain. A potential role as tumor suppressor has been indicated for this gene. [provided by RefSeq, Nov 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RASEF protein (Cat# [TP304341]). The protein was produced from HEK293T cells transfected with RASEF cDNA clone (Cat# [RC204341]) using MegaTran 2.0 (Cat# [TT210002]).