

Product datasheet for PH312160

RRAGD (NM_021244) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RRAGD MS Standard C13 and N15-labeled recombinant protein (NP_067067)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212160
Predicted MW:	45.4 kDa
Protein Sequence:	>RC212160 representing NM_021244 Red =Cloning site Green =Tags(s)

MSQVLGKPPQDEDDAEDEEEDELVGLADYGDGPDSSADPDSGTEEGVLDVDFSDPFSTEVKPRILLMGL
 RRSKGSSIQKVVFHKMSPNETLFLESTNKICREDVSNSSFVNFQIWDFFPGQIDFFDPTFDYEMIFRGTGA
 LIFVIDSQDDYMEALARLHLTVTRAYKVNTDINFEVFIHKVDGLSDDHKIETQRDIHQRANDDLADAGLE
 KIHLSFYLTISIYDHSIFEAFSKVVQKLIPQLPTLENLLNIFISNSGIEKAFLFDVVSKIYIATDSTPVD
 QTYELCCDMIDVVIDISCIYGLKEDGAGTPYDKESTAIKLNNTTVLYLKEVTKFLALVCFVREESFERK
 GLIDYNFHCFRKAIHEVFEVRMKVVKSRKVQNRQLQKKRATPNGTPRVLL

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.
RefSeq:	<u>NP_067067</u>
RefSeq Size:	1453
RefSeq ORF:	1200
Synonyms:	bA11D8.2.1; RAGD
Locus ID:	58528

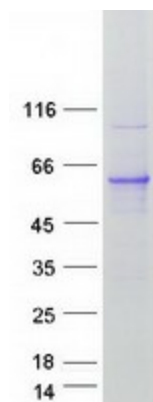

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UniProt ID: [Q9NQL2](#)

Cytogenetics: 6q15

Summary: RRAGD is a monomeric guanine nucleotide-binding protein, or G protein. By binding GTP or GDP, small G proteins act as molecular switches in numerous cell processes and signaling pathways.[supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified RRAGD protein (Cat# [TP312160]). The protein was produced from HEK293T cells transfected with RRAGD cDNA clone (Cat# [RC212160]) using MegaTran 2.0 (Cat# [TT210002]).