

Product datasheet for PH316933

RALGDS (NM_006266) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RALGDS MS Standard C13 and N15-labeled recombinant protein (NP_006257)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216933
Predicted MW:	100.4 kDa
Protein Sequence:	>RC216933 representing NM_006266 Red=Cloning site Green=Tags(s)

MVQRMWAE AAGPAGGAEP LFPGSRRSRVDAVRLEVGVDPDSCP VVLSHFTQLDPDLPRPESSTQEIGEE
L INGV IYSISLRKVQLHHGGNKGQRWLGYENESALNLYETCKVRTVKAGTLEKLVEHLVPAFQGS DLSYV
TIFLCTYRAFTTTQQVLDLLFKRYGRCDALTASSRYGCILPYSDEDGGPQDQLKNAISSILGTWLDQYSE
DFCQPPDFPCLKQLVAYVQLNMPGSDLERRAHL LLAQLEHSEPIEAEPEALSPVPALKPTPELELALTPA
RAPSPVPAPAPEPEPAPTAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAEQDPAPSQTLE
LEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPPDLVAEQFTLMDAELFKKVVPYHCLGSIWSQRDK
KGKEHLAPTIRATVTQFNSVANCVITTC LGNRSTKAPDRARVVEHWIEVARECRILKNFSSLYAILSALQ
SNSIHRLLKKTWEDVSRDSFRIFQKLSEIFSDENNYSLSRELLIKEGTSKFATLEMNPKRAQKRPKETGII
QGTVPYLGTF LTDLVMLDTAMKDYLGR LINF EKRRKFEVIAQIKLLQSACNNYSIAPDEQFGAWFRAV
ERLSETESYNLSCELEPPSEASANTLR TKKNTAIVKRWSDRQAPSTELSTSGSSHKSCDQLRCPYLLSS
GDIADALSVHSAGSSSDVEEINI SFVPESPDGQEKKFWESASQSSPETS GISSASSSTSSSASTTPVA
ATRTHKRSVSGLCNSSLALPLYNQQVGDCCIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKHNL EE
EPEDEYELLQILSDDRKLKIPENANVFYAMNSTANYDFVLKKRTFTKGVKVKHGASSTLPRMKQKGLKIA
KGIF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

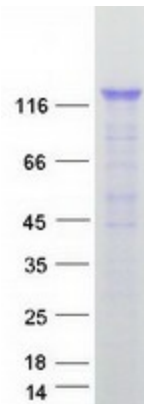
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	NP_006257
RefSeq Size:	3656
RefSeq ORF:	2742
Synonyms:	RalGEF; RGDS; RGF
Locus ID:	5900
UniProt ID:	Q12967 , Q8N4Y1
Cytogenetics:	9q34.13-q34.2
Summary:	Guanine nucleotide dissociation stimulators (GDSs, or exchange factors), such as RALGDS, are effectors of Ras-related GTPases (see MIM 190020) that participate in signaling for a variety of cellular processes.[supplied by OMIM, Nov 2010]
Protein Pathways:	Colorectal cancer, Pancreatic cancer, Pathways in cancer

Product images:



Coomassie blue staining of purified RALGDS protein (Cat# [TP316933]). The protein was produced from HEK293T cells transfected with RALGDS cDNA clone (Cat# [RC216933]) using MegaTran 2.0 (Cat# [TT210002]).