

Product datasheet for TP316933M

RALGDS (NM_006266) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ral guanine nucleotide dissociation stimulator (RALGDS), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216933 representing NM_006266 Red=Cloning site Green=Tags(s)

MVQRMWAEAAGPAGGAEPLFPGSRRRSVWDVAVRLEVGVPDSCPVLHSFTQLDPDLRPESSTQEIGEE
LINGVIYSISLRKVQLHHGGNKGQRWLGYENESALNLYETCKVRTVKAGTLEKLVEHLVPAFQGSLSYV
TIFLCTYRAFTTTQQVLDLLFKRYGRCDALTASSRYGCILPYSDDEDGGPQDQLKNAISSILGTWLDQYSE
DFCQPPDFPCLKQLVAYVQLNMPGSDLERRAHLAQLHSEPIEAPEALSPVPALKPTPELELALTPA
RAPSPVPAPAPEPEPAPTAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAPEQDPAPSQTLE
LEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPDLVAEQFTLMDAELFKKVPYHCLGSIWSQRDK
KGKEHLAPTIRATVTQFNSVANCVITCLGNRSTKAPDRARVVEHWIEVARECRILKNFSSLYAILSALQ
SNSIHRLLKKTWEDVSRDSFRIFQKLSEIFSDENNYLSRELLIKEGTSKFATLEMNPKRAQKRPKETGII
QGTVPYLGFTLDLVMLDTAMKDYLYGRLINFEKRRKEFEVIAQIKLLQSACNNYSIAPDEQFGAWFRAV
ERLSETESYNLSCELEPPSESASNTLRKKNTAIVKRWSRQAPSTELSTSGSSHKSCDQLRCGPYLSS
GDIADALSVHSAGSSSDVEEINISFVPESPDGQEKFWESASQSSPETSIGSSASSSTSSSASTTPVA
ATRTHKRSVSGLCNSSSALPLYNQVGDCCIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKNLEE
EPEDEYELLQILSDDRKLKIPENANVFYAMNSTANYDFVLKRTFTKGVKVKHGASSTLPRMKQKGLKIA
KGIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

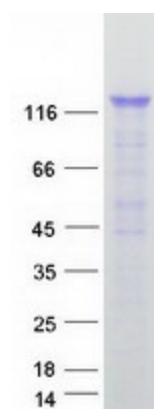
Tag:	C-Myc/DDK
Predicted MW:	100.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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:	<u>NP_006257</u>
Locus ID:	5900
UniProt ID:	<u>Q12967, Q8N4Y1</u>
RefSeq Size:	3656
Cytogenetics:	9q34.13-q34.2
RefSeq ORF:	2742
Synonyms:	RalGEF; RGDS; RGF
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]).