

## Product datasheet for TP316933

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216933 representing NM_006266 Red=Cloning site Green=Tags(s)

MVQRMWAEAAGPAGGAEPLFPGSRRRSVWDVAVRLEVGVDPDSCPVLHSFTQLDPDLRPESSTQEIGEE  
LINGVIYSISLRKVQLHHGGNGQRWLGYENESALNLYETCKVRTVKAGTLEKLVEHLVPAFQGSDSL  
TIFLCTYRAFTTTQQVLDLLFKRYGRCDALTASSRYGCILPYSDDEDGGPQDQLKNAISSILGTWLDQYSE  
DFCQPPDFPCLKQLVAYVQLNMPGSDLERRAHLAQLHSEPIEAPEALSPVPALKPTPELELALTPA  
RAPSPVPAPAPEPEPAPTAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAPEQDPAPSQTLE  
LEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPDLVAEQFTLMDAELFKKVPYHCLGSIWSQRDK  
KGKEHLAPTIRATVTQFNSVANCVITCLGNRSTKAPDRARVVEHWIEVARECRILKNFSSLYAILSALQ  
SNSIHRLLKKTWEDVSRDSFRIFQKLSEIFSDENNYLSRELLIKEGTSKFATLEMNPKRAQKRPKETGII  
QGTVPYLGFTLDLVMLDTAMKDYLYGRLINFEKRRKEFEVIAQIKLLQSACNNYSIAPDEQFGAWFRAV  
ERLSETESYNLSCELEPPSESASNTLRKKNTAIVKRWSRQAPSTELSTSGSSHKSCDQLRCGPYLSS  
GDIADALSVHSAGSSSDVEEINISFVPESPDGQEKFWESASQSSPETSIGSSASSSTSSSASTTPVA  
ATRTHKRSVSGLCNSSSALPLYNQVGDCCIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKNLEE  
EPEDEYELLQILSDDRKLKIPENANVFYAMNSTANYDFVLKRTFTKGVKVKHGASSTLPRMKQKGLKIA  
KGIF

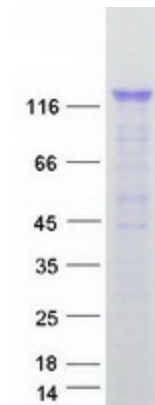
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_006257</u>
<b>Locus ID:</b>	5900
<b>UniProt ID:</b>	<u>Q12967, Q8N4Y1</u>
<b>RefSeq Size:</b>	3656
<b>Cytogenetics:</b>	9q34.13-q34.2
<b>RefSeq ORF:</b>	2742
<b>Synonyms:</b>	RalGEF; RGDS; RGF
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	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]).