

Recombinant Full Length Human RALGDS Protein, C-Flag-tagged

Cat. No. RALGDS-1001HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RALGDS Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	100.4 kDa
AA Sequence	MVQRMWAEAAGPAGGAEPLFPGSRRSRVWDAVRLEVGVPDSCPVVLSFTQLD PDLRPESSTQEIGEE LINGVIYSISLRKVQLHHGGNKGQRWLGYENESALNLYETC KVRTVKAGTLEKLVEHLVPAFQGS DLSYV TIFLCTYRAFTTTQQVLDLLFKRYGRCD ALTASSRYGCILPYSDDEDGGPQDQLKNAISSILGTWLDQYSE DFCQPPDFPCLKQLV AYYQLNMPGSDLERRAHLILAQLEHSEPIEAPEALSPVPALKPTPELELALTPA RA PSPVPAPAPEPEPAPTPAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAP EQDPAPSQTLE LEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPPDLVAEQFT LMDAELFKKVVPYHCLGSIWSQRDK KGKEHLAPTIRATVTQFNSVANCVITTCLGNR STKAPDRARVVEHWIEVARECRILKNFSSLYAILSALQ SNSIHLKKTWEDVSRDSF

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RIFQKLSEIFSDENNYSLSRELLIKEGTSKFATLEMNPKRAQKRPKETGII QGTVPYLG
 TFLTDLVMLDTAMKDYLYGRLINFEKRRKEFEVIAQIKLLQSACNNYSIAPDEQFGAW
 FRAV ERLSETESYNLSCELEPPSESASNTLRKKNTAIVKRWSRQAPSTELSTSGS
 SHSKSCDQLRCGPYLSS GDIADALSVHSAGSSSSDVEEINISFVPESPDGQEKKFW
 ESASQSSPETSGISSASSSTSSSSASTTPVA ATRTHKRSVSGLCNSSSALPLYNQQ
 VGDCCIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKNLEE EEPEDYELLQILS
 DDRCLKIPENANVFYAMNSTANYDFVLKKRTFTKGVKVKHGASSTLPRMKQKGLKIA
 KGIFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Colorectal cancer, Pancreatic cancer, Pathways in cancer
Full Length	Full L.

GENE INFORMATION

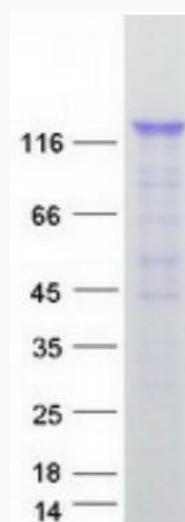
Gene Name	RALGDS ral guanine nucleotide dissociation stimulator [Homo sapiens (human)]
Official Symbol	RALGDS

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Synonyms	RGF; RGDS; RalGEF
Gene ID	5900
mRNA Refseq	NM_006266.4
Protein Refseq	NP_006257.1
MIM	601619
UniProt ID	Q12967



Coomassie blue staining of purified RALGDS protein.