

Recombinant Human RALGDS Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RALGDS-439H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RALGDS MS Standard C13 and N15-labeled recombinant protein (NP_006257) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [supplied by OMIM, Nov 2010]
Molecular Mass	100.4 kDa
AA Sequence	MVQRMWAEAAGPAGGAEPLFPGSRRSRSVWDAVRLEVGVPDSCPVVLHSFTQLD PDLPRPESSSTQEIGEELINGVIYSISLRKVQLHHGGNKGQRWLGYENESALNLYETC KVRTVKAGTLEKLVEHLVPAFQGS DLSYVTIFLCTYRAFTTTTQQVLDLLFKRYGRCD LTASSRYGCILPYSDEDGGPQDQLKNAISSILGTWLDQYSEDFCQPPDFPCLKQLVA YVQLNMPGSDLERRAHL LLAQLEHSEPIEAPEALSPVPALKPTPELELALTPARAPS PVPAPAPEPEPAPTAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAPEQ DPAPSQTLELEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPDDLVAEQFTLM DAELFKKVVYPYHCLGSIWSQRDKKGKEHLAPTIRATVTQFNSVANCVITTCLGNRST KAPDRARVVEHWIEVARECRILKNFSSLYAILSALQSNHSIHLKKTWEDVSRDSFRIF QKLSEIFSDENNYSL SRELLIKEGTSKFATLEMNPKRAQKRPKETGIIQGTVPYLGTF

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TDLVMLDTAMKDYL YGR LINFEKRRKEFEVIAQIKLLQSACNNYSIAPDEQFGAWFRA
 VERLSETESYNLSCELEPPSESASNTLR TKKNTAIVKRWSDRQAPSTELSTSGSSHS
 KSCDQLRCGPYLSSGDIADALSVHSAGSSSSDV EEGINISFVPESPDGQEKKFWESAS
 QSSPETSGISSASSSTSSSSASTTPVAATRTHKRSVSGLCNSSSALPLYNQVQV GDC
 CIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKHNLEEEEPEDYELLQILSDDRK
 LKIPENANVFYAMNSTANYDFVLKKRTFTKGVKVKGASSTLPRMKQKGLKIAKGIFT
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

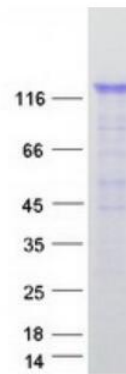
Gene Name	RALGDS <i>ral guanine nucleotide dissociation stimulator</i> [<i>Homo sapiens</i> (human)]
Official Symbol	RALGDS
Synonyms	RALGDS; <i>ral guanine nucleotide dissociation stimulator</i> ; RalGEF; RGDS; RGF; <i>ral guanine nucleotide exchange factor</i> ; FLJ20922;
Gene ID	5900
mRNA Refseq	NM_001042368

Protein Refseq NP_006257

MIM 601619

UniProt ID Q12967

SDS-PAGE



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