

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RALGDS MS Standard C13 and N15-labeled recombinant protein (NP_006257) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</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>Molecular Mass</b>   | 100.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>MVQRMWAEAAGPAGGAEPLFPGSRRSRVWDAVRLEVGVPDSCPVVLSFTQLD<br/> PDLRPESSTQEIGEELINGVIYSISLRKVQLHHGGNKGQRWLGYENESALNLYETC<br/> KVRTVKAGTLEKLVEHLVPAFQGSDSLSTVITFLCTYRAFTTTQQVLDLLFKRYGRCD<br/> LTASSRYGCILPYSDGDPQDLKNAISSILGTWLDQYSEDFCQPPDFPCLKQLVA<br/> YVQLNMPGSDLERRAHLLEHSEPIEAPEALSPVPALKPTPELELALTPARAPS<br/> PVPAPAPEPEPAPTPAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAPEQ<br/> DPAPSQTLELEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPPDLVAEQFTLM<br/> DAELFKKVVPYHCLGSIWSQRDKKGKEHLAPTIRATVTQFNSVANCVITTCLGNRST<br/> KAPDRARVVEHWIEVARECRILKNFSSLYAILSALQSNSIHLKKTWEDVSRDSFRIF<br/> QKLSEIFSDENNYSLSRELLIKEGTSKFATLEMNPKRAQKRPKETGIIQGTVPYLGTF</p> |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

TDLVMLDTAMKDYLYGRLINFEKRRKEFEVIAQIKLLQSACNNYSIAPDEQFGAWFRA  
 VERLSETESYNLSCELEPPSESASNTLRRTKKNTAIVKRWSDRQAPSTELSTSGSSHS  
 KSCDQLRCGPYLSSGDIADALSVHSAGSSSSSDVEEINISFVPESPDGQEKKFWESAS  
 QSSPETSGISSASSSTSSSSASTTPVAATRTHKRSVSGLCNSSLALPLYNQVQVDC  
 CIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKNLEEEEPEDYELLQILSDDRK  
 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](#) [ral guanine nucleotide dissociation stimulator \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [RALGDS](#)

**Synonyms** RALGDS; ral guanine nucleotide dissociation stimulator; RalGEF; RGDS; RGF; ral guanine nucleotide exchange factor; FLJ20922;

**Gene ID** [5900](#)

**mRNA Refseq** [NM\\_001042368](#)

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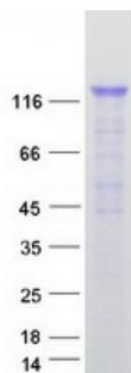
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**Protein Refseq** NP\_006257

**MIM** 601619

**UniProt ID** Q12967

**SDS-PAGE**



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