

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	MVQRMWAEAAGPAGGAEPLFPGSRRRSVWDAVRLEVGVPDSCPVVLHSFTQLD PDLRPESSTQEIGEE LINGVIYSISLRKVQLHHGGNKGQRWLGYENESALNLYETC KVRTVKAGTLEKLVEHLVPAFQGS DLSYV TIFLCTYRAFTTTQQVLDLLFKRYGRCD ALTASSRYGCILPYSDEDGGPQDQLKNAISSILGTWLDQYSE DFCQPPDFPCLKQLV AYVQLNMPGSDLERRAHL LLAQLEHSEPIEAEPEALSPVPALKPTPELELALTPA RA PSPVPAPAPEPEPAPTPAPGSELEVAPAPAPELQQAPEPAVGLESAPAPALELEPAP EQDPAPSQTLE LEPAPAPVPSLQPSWSPVVAENGLSEEKPHLLVFPPDLVAEQFT LMDAELFKKVVPYHCLGSIWSQRDK KGKEHLAPTIRATVTQFNSVANCVITTCLGNR STKAPDRARVVEHWIEVARECRILKNFSSLYAILSALQ SNSIHRLLKKTWEDVSRDSF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

RIFQKLSEIFSDENNYSLSRELLIKEGTSKFATLEMNPKRAQKRPKETGII QGTVPYLG
 TFLTDLVMLDTAMKDYLYGRLINFEKRRKEFEVIAQIKLLQSACNNYSIAPDEQFGAW
 FRAV ERLSETESYNLSCELEPPSESASNTLRTKKNTAIVKRWSRQAPSTELSTSGS
 SHSKSCDQLRCGPYLSS GDIADALSVHSAGSSSSDVEEINISFVPESPDGQEKKFW
 ESASQSSPETSGISSASSSTSSSSASTTPVA ATRTHKRSVSGLCNSSSALPLYNQQ
 VGDCCIIRVSLDVDNGNMYKSILVTSQDKAPAVIRKAMDKHNLEE EEPEDYELLQILS
 DDRKLIKIPENANVFYAMNSTANYDFVLKKRTFTKGVKVKHGASSTLPRMKQKGLKIA
 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

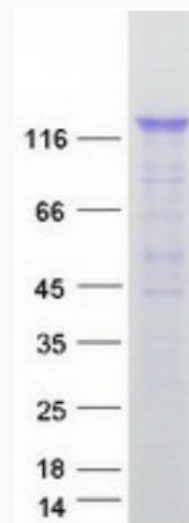
Gene Name	RALGDS ral guanine nucleotide dissociation stimulator [Homo sapiens (human)]
Official Symbol	RALGDS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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