

Product datasheet for TP510956

Ralgds (NM_009058) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ral guanine nucleotide dissociation stimulator (Ralgds), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210956 protein sequence Red=Cloning site Green=Tags(s)

MMVDCQSSTQEIGEELINGVIYSISLRKVQLHQGATKGQRWLGCEENALNLYETCKVRTVKAGTLEKLV
EHLVPAFQGS DLSYVTVFLCTYRAFTTTQQVLDLLFKRYGRCDALTASSRYGCILPYSSSEDGGPQDQLKN
AISSILGTWLDQYSEDFCQPPDFCLKQLVAYVQLNMPGSDLERRAHLAQLLEDLEPSEAASEALSPAP
VLSLKPASQLEPALLLTPSQVVTSTPVREPAAAPVPLASSPVVAPAPELEPVPEPPQEPEPSLALAPEL
EPAVSQSLELESAPVPTPALEPSWSLPEATENGLTEKPHLLLFPDLVAEQFTLMDAELFKKVVPYHCLG
SIWSQRDKKGGKEHLAPTIRATVAQFNNVANCVITTC LGDQSMKAPDRARVVEHWIEVARECRALKNFSSSL
YAILSALQSNAIHRLKKTWEEVSRDSFRV FQKLSEIFSDENNYLSRELLIKEGTSKFATLEMNPRRAQR
RQKETGVIQGTVPYLGTF LDTLVMLDTAMKDYLYGR LINF EKRRKEFEVIAQIKLLQSACNNYSIAPEEH
FGTWFRAMERLSEAESYTLSCLEPPSESASNTLRSKKSTAIVKRWSRQAPSTELSTSSSAHSKSCDQL
RCSPYLGSGDITDALS VHSAGSSSSDVEEINMSFVPESPDGQEKKFWEASQSSPETS GISSASSSTSSS
SASTTPVSTTRTHKRSVSGVCSYSSSLPLYNQVGDCCIIRVSLDVDNGNMYKSILVTSQDKAPT VIRKA
MDKHNLDEDEPEDYELVQIISEDHKLKIPENANVFYAMNSTANYDFILKRTFTKGAKVKHGASSTLPRM
KQKGLRIAKGIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	94.2 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033084
Locus ID:	19730
UniProt ID:	Q03385 , Q6ZPU1
RefSeq Size:	3777
Cytogenetics:	2 A3
RefSeq ORF:	2559
Synonyms:	Gnds; mKIAA1308; Rgds
Summary:	Stimulates the dissociation of GDP from the Ras-related RalA and RalB GTPases which allows GTP binding and activation of the GTPases. Interacts and acts as an effector molecule for R-Ras, H-Ras, K-Ras, and Rap.[UniProtKB/Swiss-Prot Function]