

Product datasheet for TP515222

Rgs3 (NM_134257) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulator of G-protein signaling 3 (Rgs3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215222 representing NM_134257 Red=Cloning site Green=Tags(s)

MNRFNGLCKVCSERRYRQITIRRGKDGFGFTICCDSPVRVQAVDSGGPAERAGLQQLDVLQLNERPVEH
WKCVELAHEIRSCPSEIILLVWRVVPQIKPGPDGGVLRASCKSTHDLLSPPNKREKNCTHGAPVRPEQR
HSCHLVCDSSDGLLLGGWERYTEVGKRSGQHTLPALSRTTTPDPNYIILAPLNPGSQLLRPVYQEDTIP
EEPPTTTKGSYTGKKSRLMKTVMKMGHSNYQDCSALRPHIPHSSYGTIVLAPKVLVFPVQPLD
LCNPARTLLLSEELLYEGRNKTSQVTLFAYSLLLLFTKEEEPGRCDVLRNPLYLQSVKLQEGSSEDLKF
CVLYLAEKAECFLTEAHSQEQKRVWCWCLSENIKQQQLAAPPTERKMFETEADKEMPLVEGKGPAGAE
EPAPSKNPSPGQELPPGQDLPPSKDPPSPQELPAGQDLPPSKDPPSPQELPAGQDLPPSKDPPSPQELPV
GQDLPPRKDSSGQEAAPGPESPSEDIATCPKPPQSPETSTSKDPPGQSSPTTELPSCQGLPAGQEST
SQDPLLSQEPPIVPESSASVQKRLPSQESPSSLSLPEKDLAEQTISSGEPVATGAVLPASRPNFVIPE
VRLDNAYSQLDGAHGGSSGEDEDAEEGEGEGEEDDTSDDNYGDRSEAKRSSLIETGQGAEGGFSL
RVQNSLRRRTHSEGSLLQESRGPCFASDTTLHCSDGEGATSTWAIKSPRTLKELGRNGGSMHHLSLFFT
GHRKMSGTDLTECDEASRKRKSKNIAKDMKNKLAIFRRRNESPGAQPASKTDKTKSFKPTSEEALKWSE
SLEKLLLHKYGLEVFQAFRLTEFSEENLEFWLACEDFKKVKSKMAAKAKKIFAEIFAIQACKEVNLDS
YTREHTKENLQSITRGCFDLAQKRIFGLMEKDSYPRFLRSDLYLDLINQKMSPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	106.2 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



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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_599018
Locus ID:	50780
UniProt ID:	Q9DC04
RefSeq Size:	3751
Cytogenetics:	4 33.19 cM
RefSeq ORF:	2898
Synonyms:	4930506N09Rik; C2pa; C2PA-RGS3; PDZ-RGS3; RGS3S
Summary:	Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases. [UniProtKB/Swiss-Prot Function]