

OriGene Technologies, Inc.

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Product datasheet for TP303488L

RGS10 (NM_001005339) Human Recombinant Protein

Product data:

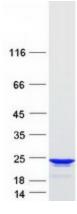
Description:Recombinant protein of human regulator of G-protein signaling 10 (RGS10), transcript variant 1, 1 mgSpecies:HumanExpression Host:HEK293TExpression cDNA Clow or AA Sequence:Rcd=C0als8 protein sequence Red=Cloning site Green=Tags(s)Rwel=Cloning site Green=Tags(s)Rwel=Clowing site Green=Tags(s)Rwel=Clowing site Green=Tags(s)Rthere Clowing site Green=Tags(s)Tag:CMPKAVSRLSRKRPSDIHDSDGSSSSSHQSLKSTAKWAASLENLLEDPEGVKRFREFLKKEFSEENVLF WLACEDFKKMQDKTQMQEKAKEIYMTFLSSKASSQVNVEGQSRLNEKILEEPHPLMFQKLQDQIFNLMKY DSYSRFLKSDLFLKHKRTEEEEDLPDAQTAAKRASRIYNTTag:CMy/DDKTag:CMy/DDKPredicted MW:21 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Corominant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.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:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 00105339Locu ID:6001Locu ID:6001	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA Cloo>RC203488 protein sequence Red=Cloning site Green=Tags(s)MFNRAVSRLSRKRPPSDIHDSDGSSSSHQSLKSTAKWAASLENLLEDPEGVKRFREFLKKEFSEENVLF WLACEDFKKMQDKTQMQEKAKEIYMTFLSSKASSQVNVEGQSRLNEKILEDPHPLMFQKLQDQIFNLMKYY DSYSRFLKSDLFLKHKRTEEEEDLPDAQTAAKRASRIYNTTRRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Mgc/DDKPredicted MW:21 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.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.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 001005339Locus ID:601	Description:	
Pression cDNA CloomRC203488 protein sequence Red=Cloning site Green=Tags(s)RC203488 protein sequence SysRFLKSDLFLKHKRTEEEEDLPDAQTAAKRASRIVNTRC203488 protein sequence CAMC/DDKTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:21 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:Rccombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.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:Stabe for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:M-D01005339Locus ID:601	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)WFNRAVSRLSRKRPPSDIHDSDGSSSSSHQSLKSTAKWAASLENLLEDPEGVKRFREFLKKEFSEENVLF WLACEDFKKMQDKTQMQEKAKEIYMTFLSSKASSQVNVEGQSRLNEKILEEPHPLMFQKLQDQIFNLMKY DSYSRFLKSDLFLKHKRTEEEEDLPDAQTAAKRASRIYNTTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:21 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Store at -80°C.Storage:Stabel for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 001005339Locus ID:6001	Expression Host:	HEK293T
WLACEDFKKMQDKTQMQEKAKEIYMTFLSSKASSQVNVEGQSRLNEKILEEPHPLMFQKLQDQIFNLMKY DSYSRFLKSDLFLKHKRTEEEEDLPDAQTAAKRASRIYNTTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:21 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:S0m Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor te sting 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.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:MP 001005339Locus ID:601	•	
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Locus ID: 6001	Stability:	
	RefSeq:	<u>NP 001005339</u>
	Locus ID:	6001
UniProt ID: 043665	UniProt ID:	<u>O43665</u>



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	RGS10 (NM_001005339) Human Recombinant Protein – TP303488L
RefSeq Size:	910
Cytogenetics:	10q26.11
RefSeq ORF:	543
Summary:	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS protein associates specifically with the activated forms of the two related G-protein subunits, G-alphai3 and G-alphaz but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified RGS10 protein (Cat# [TP303488]). The protein was produced from HEK293T cells transfected with RGS10 cDNA clone (Cat# [RC203488]) using MegaTran 2.0 (Cat# [TT210002]).

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