

Recombinant Human RGS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RGS2-4015H **Lot. No.** (See product label)

SPECIFICATION

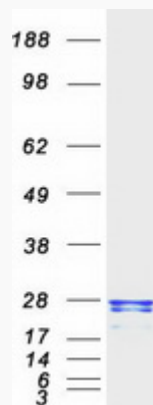
Product Overview	RGS2 MS Standard C13 and N15-labeled recombinant protein (NP_002914) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (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 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis.
Molecular Mass	24.4 kDa
AA Sequence	MQSAMFLAVQHDCRPMDKSAGSGHKSEEKREKMKRTLLKDWKTRLSYFLQNSSTP GKPKTGKKSQQAFAIKPSPEEAQLWSEAFDELLASKYGLAAFRFLKSEFCENIEF WLACEDFKKTKSPQKLSSKARKIYTDIEKEAPKEINIDFQTKTLIAQNIQEATSGCFTT AQKRVYSLMENNSYPRFLESEFYQDLCKKPQITTEPHATTRRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	RGS2 regulator of G protein signaling 2 [Homo sapiens (human)]
Official Symbol	RGS2
Synonyms	RGS2; regulator of G-protein signaling 2, 24kDa; G0S8, regulator of G protein signalling 2, 24kD, regulator of G protein signalling 2, 24kDa; regulator of G-protein signaling 2; G0/G1 switch regulatory protein 8; cell growth-inhibiting protein 31; G0 to G1 switch regulatory 8, 24kD; cell growth-inhibiting gene 31 protein; G0S8;
Gene ID	5997
mRNA Refseq	NM_002923
Protein Refseq	NP_002914
MIM	600861
UniProt ID	P41220

SDS-PAGE

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