

Recombinant Human RGS2 protein, T7-tagged

Cat. No. RGS2-190H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human RGS2 (211 aa) protein fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	211 a.a.
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGEFGSMQSAMFLAVQHDCRPMDKSAGSGHKSEEKREKMKRT LLKDWKTRLSYFLQNSSTPGKP KTGKKSQQAFAIKPSPEEAQLWSEAFDELLASKY GLAAFRFLKSEFCEENIEFWLACEDFKKTKSPQKLSSKAR KIYTDIEKEAPKEINID FQTKTLIAQNIQEATSGCFTTAQKRVYSLMENNSYPRFLESEFYQDLCKKPQITTEP HAT
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name	RGS2 regulator of G-protein signaling 2, 24kDa [Homo sapiens]
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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; G0S8;
Gene ID	5997
mRNA Refseq	NM_002923
Protein Refseq	NP_002914
MIM	600861
UniProt ID	P41220
Chromosome Location	1q31
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	GTPase activator activity; calmodulin binding; protein binding;