Recombinant Human RGS5, His-tagged

Cat. No. RGS5-384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human RGS5 (NP_003608.1) (Met1-Lys181) was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys181
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human RGS5 consists of 199 amino acids and predicts a molecular mass of 23.2 KDa. It migrates as an approximately 26 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Storage	Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	RGS5 regulator of G-protein signaling 5 [Homo sapiens]
Official Symbol	RGS5
Synonyms	RGS5; regulator of G-protein signaling 5; regulator of G protein signalling 5; MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129;
Gene ID	8490
mRNA Refseq	NM_001195303
Protein Refseq	NP_001182232
MIM	603276
UniProt ID	O15539
Chromosome Location	1q23.1
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	GTPase activator activity;

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