

RGS10, 1-181aa, Human, His tag, E.coli

Cat.NO.: TP03723

3th Edition

Synonyms:Regulator of G-protein signaling 10

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 GDPbound forms. Regulator of G protein signaling 10(RGS10) belongs to this family.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 0.1M NaCl

Molecular Weight:23.7 kDa (205aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMFNRAVSRLSRKRPPSDIHDSGSSSSSHQSLKSTAKWAASLENLLEDPE
GVKRFREFLKKEFSEENVLFWLACEDFKKMQDKTQMKEKAKEIYMTFLSSKASSQVNVGQSRRLNEKILEEPHPLM
FQKLQDQIFNLMKYDSYSRFLKSDLFLKHKRTEEEEEEDLPDAQTA AKRASRIYNT

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.