

## Regulator of G-Protein Signaling 10 Human Recombinant

<b>Item Number</b>	rAP-4642
<b>Synonyms</b>	Regulator Of G-Protein Signaling 10, RGS10.
<b>Description</b>	RGS10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (1-181) and having a molecular mass of 23.7 kDa. The RGS10 is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O43665
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMFNRAV SRLSRKRPPS DIHSDSGSSS SSHQSLKSTA KWAASLENLL EDPEGVKRFR EFLKKEFSEE NVLFWLACED FKKMQDKTQM QEKAKEIYMT FLSSKASSQV NVEGQSRLE KILEEPHPLM FQKLQDQIFN LMKYDSYSRF LKSDLFLKHK RTEEEEEEDLP DAQTAALKRAS RIYNT
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The RGS10 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**