

**RGS4, 1-205aa, Human, His tag, E.coli**

**Cat.NO.: TP03730**

---

3th Edition

**Synonyms:**Regulator of G-protein signaling 4, DKFZp761F1924, MGC2124, MGC60244, RGP4, SCZD9.

**Description:**RGS4(regulator of G protein signaling 4) is a protein which regulates G protein signaling. 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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 10% glycerol, 200mM NaCl

**Molecular Weight:**25.4kDa (225aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMCKGLAGLPASCLRSKDMKHRLGFLQKSDSCEHNSSHNNKDKVVICQRVSQE  
EVKKWAESLENLISHECGLAAFKAFKSEYSEENIDFWISCEEYKKIKSPSKLSPKAKKIYNEFISVQATKEVNLDST  
REETSRNMLEPTITCFDEAQKKIFNLMEKDSYRRFLKSRFYLDLVNPSSCGAEKQKGAQSSADCASLVPQCA

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.