

RPPB4449

Product Information Protein Information

Product SKU:

RPPB4449

Accession:

O43566

Host:

Escherichia Coli.

Protein description:

RGS14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 586 amino acids (1-566 a.a) and having a molecular mass of 63.6kDa. RGS14 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Regulator of G-protein signaling 14, RGS14.

Formulation:

RGS14 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, pH7.5, 10% glycerol, 1mM DTT and 200mM NaCl.

Purity:

Greater than 80% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MPGKPKHLGV PNGRMVLAVS DGELSSTTGP QQGEGRGSS LSIHSLPSGP
SSPFTEEQP VASWALSFER LLQDPLGLAY FTEFLKKEFS AENVTFWKAC ERFQIPASD TQLLAQEARN
IQEFLSSQA LSPVNDRQA WLGEVLAEP RPD MFRAQQL QIFNLMKFDS YARFVKSPLY RECLLAEAE
RPLREPGSSR LGSPDATTRK PKLKPGKSLP LGVEELQLP PVEGPGGRPL RKSFRRELGG TANAALRRES
QGSLNSSASL DLGFLAFVSS KSESHRSLG STEGESESRP GKYCCVLPD GTASLALARP GLTIRDMLAG
ICEKRGLSLPDIKVYLVGNE QALVLDQDCT VLADQEVRL E NRITFELELT ALERVVRISA KPTKRLQEAL
QPILEKHGLS PLEVVLHRPG EKQPLDLGKL VSSVAAQRLV LDTLPGVKIS KARDKSPCRS QGCPRTQDK
ATHPPASPS SLVKVPSSAT GKRQTCIEG LVLLNRVQS SGAHDQRGLLRKEDLVLP EF LQLPAQGPSS
EETPPQTKSA AQPIGGSLNS TTDSAL