

Product datasheet for **TP302781**

RGS2 (NM_002923) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human regulator of G-protein signaling 2, 24kDa (RGS2), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202781 protein sequence
Red=Cloning site **Green**=Tags(s)

MQSAMFLAVQHDCRPMDKSAGSGHKSEEKREKMKRLLKDWKTRLSYFLQNSSTPGKPKTGKSKSQQAFI
KPSPEEAQLWSEAFDELLASKYGLAAFRFLKSEFCEENIEFWLACEDFKKTKSPQKLSSKARKIYTDFI
EKEAPKEINIDFQTKTLIAQNIQEATSGCFTTAQKRVYSLMENNYSYPRFLESEFYQDLCKKPQITTEPHA
T

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 24.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002914](#)

Locus ID: 5997

UniProt ID: [P41220](#), [A0A024R939](#)



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RefSeq Size: 1375

Cytogenetics: 1q31.2

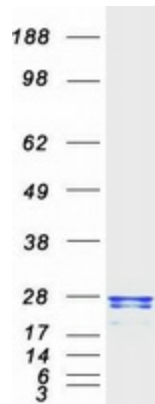
RefSeq ORF: 633

Synonyms: G0S8

Summary: 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 GDP-bound forms. Regulator of G protein signaling 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis. [provided by RefSeq, Aug 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RGS2 protein (Cat# TP302781). The protein was produced from HEK293T cells transfected with RGS2 cDNA clone (Cat# [RC202781]) using MegaTran 2.0 (Cat# [TT210002]).