



RGS21 blocking peptide (CDBP5998)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi (see GNAI1; MIM 139310) and Gq (see GNAQ; MIM 600998) class G-alpha proteins. They accelerate transit through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination.[supplied by OMIM, Nov 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	RGS21 regulator of G-protein signaling 21 [Homo sapiens (human)]
Official Symbol	RGS21
Synonyms	RGS21; regulator of G-protein signaling 21; regulator of G-protein signalling 21
Entrez Gene ID	431704
mRNA Refseq	NM_001039152

Protein Refseq	NP_001034241
UniProt ID	Q2M5E4
Pathway	G alpha (i) signalling events; G alpha (q) signalling events; GPCR downstream signaling; Gastrin-CREB signalling pathway via PKC and MAPK; Signal Transduction; Signaling by GPCR
Function	GTPase activator activity