



Human RGS21 blocking peptide (CDBP2522)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-RGS21 antibody
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]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	RGS21 regulator of G-protein signaling 21 [Homo sapiens]
Official Symbol	RGS21

Synonyms	RGS21; regulator of G-protein signaling 21; regulator of G protein signalling 21; regulator of G-protein signalling 21;
Entrez Gene ID	431704
mRNA Refseq	NM_001039152
Protein Refseq	NP_001034241
UniProt ID	Q2M5E4
Chromosome Location	1q31.1
Pathway	G alpha (i) signalling events, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	GTPase activator activity;