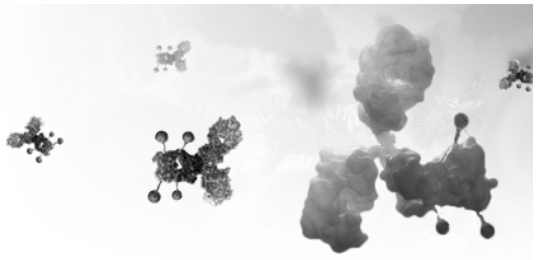

Human RGS17 blocking peptide (CDBP2520)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RGS17/RGSZ2 antibody
Antigen Description	This gene encodes a member of the regulator of G-protein signaling family. This protein contains a conserved, 120 amino acid motif called the RGS domain and a cysteine-rich region. The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	RGS17 regulator of G-protein signaling 17 [Homo sapiens]
Official Symbol	RGS17
Synonyms	RGS17; regulator of G-protein signaling 17; regulator of G protein signalling 17; RGS 17;

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	RGSZ2; RGS-17; hRGS17;
Entrez Gene ID	26575
mRNA Refseq	NM_012419
Protein Refseq	NP_036551
UniProt ID	Q9UGC6
Chromosome Location	6q25-q26
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; G alpha (z) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	GTPase activator activity;

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