



Human SEMA5A blocking peptide (CDBP2633)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Semaphorin 5A antibody
Antigen Description	This gene belongs to the semaphorin gene family that encodes membrane proteins containing a semaphorin domain and several thrombospondin type-1 repeats. Members of this family are involved in axonal guidance during neural development. This gene has been implicated as an autism susceptibility gene.[provided by RefSeq, Jan 2010]
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	SEMA5A sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A [Homo sapiens (human)]
Official Symbol	SEMA5A
Synonyms	SEMA5A; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A; semF; SEMAF;

semaphorin-5A; sema F; semaphorin F; semaphorin-F; semaphorin 5A;

Entrez Gene ID	9037
mRNA Refseq	NM_003966.2
Protein Refseq	NP_003957.2
UniProt ID	Q13591
Chromosome Location	5p15.2
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Other semaphorin interactions, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem;
Function	axon guidance receptor activity; chondroitin sulfate proteoglycan binding; heparan sulfate proteoglycan binding; semaphorin receptor binding; syndecan binding;