



Mouse SEMA5A peptide (DAG-P1156)

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

PRODUCT INFORMATION

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]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

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;