



Human SEMA6A peptide (DAG-P1107)

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

PRODUCT INFORMATION

Antigen Description	The transmembrane semaphorin SEMA6A is expressed in developing neural tissue and is required for proper development of the thalamocortical projection (Leighton et al., 2001 [PubMed 11242070]).[supplied by OMIM, Feb 2011]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the semaphorin family.Contains 1 PSI domain.Contains 1 Sema domain.
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	SEMA6A sema domain, transmembrane domain (TM), and cytoplasmic domain. (semaphorin) 6A [Homo sapiens (human)]
Official Symbol	SEMA6A
Synonyms	SEMA6A; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A; VIA; SEMA; HT018; SEMAQ; SEMA6A1; semaphorin-6A; SEMA6A-1; sema VIa; semaphorin VIA; semaphorin 6A-1; semaphorin-6A-1;
Entrez Gene ID	57556
mRNA Refseq	NM_020796.3
Protein Refseq	NP_065847.1

UniProt ID	Q9H2E6
Chromosome Location	5q23.1
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; Spinal Cord Injury, organism-specific biosystem;
Function	protein binding; semaphorin receptor binding; transmembrane signaling receptor activity;