



Human SEMA3D peptide (DAG-P1145)

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

PRODUCT INFORMATION

Antigen Description	Induces the collapse and paralysis of neuronal growth cones. Could potentially act as repulsive cues toward specific neuronal populations. Binds to neuropilin.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the semaphorin family.Contains 1 Ig-like C2-type (immunoglobulin-like) domain.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	SEMA3D sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D [Homo sapiens (human)]
Official Symbol	SEMA3D
Synonyms	SEMA3D; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D; coll-2; Sema-Z2; semaphorin-3D; collapsin 2;
Entrez Gene ID	223117
mRNA Refseq	NM_152754.2
Protein Refseq	NP_689967.2
UniProt ID	O95025

Chromosome Location	7q21.11
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;
Function	receptor activity;