

Recombinant Human SEMA3B protein, GST-tagged

Cat. No. SEMA3B-251H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA3B(651 a.a. - 748 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	651-748 a.a.
Description	The semaphorin/collapsin family of molecules plays a critical role in the guidance of growth cones during neuronal development. The secreted protein encoded by this gene family member is important in axonal guidance and has been shown to act as a tumor suppressor by inducing apoptosis.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.52 kDa
AA Sequence	FTQPLRRLSLHVL SATQAERLARAEAAAPAAPP GPKLWYRDFLQLVEPGGGGSANS LRMCRPQPALQSLPLESRR KGRNRRTHAPEPRAERGPRSATH
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name SEMA3B sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B [Homo sapiens]

Official Symbol SEMA3B

Synonyms SEMA3B; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B; SEMAA; semaphorin-3B; LUCA 1; SemA; sema5; semaV; sema V; sema A(V); semaphorin A; semaphorin V; semaphorin-V; SEMA5; LUCA-1; FLJ34863;

Gene ID 7869

mRNA Refseq NM_004636

Protein Refseq NP_004627

MIM 601281

UniProt ID Q13214

Chromosome Location 3p21.3

Pathway Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;

Function receptor activity;

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