

Recombinant Human SEMA3C Protein, His-tagged

Cat. No. SEMA3C-353H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA3C(Gly21-Ser738) fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly21-Ser738
Description	<p>This gene encodes a secreted glycoprotein that belongs to the semaphorin class 3 family of neuronal guidance cues. The encoded protein contains an N-terminal sema domain, integrin and immunoglobulin-like domains, and a C-terminal basic domain. Homodimerization and proteolytic cleavage of the C-terminal propeptide are necessary for the function of the encoded protein. It binds a neuropilin co-receptor before forming a heterotrimeric complex with an associated plexin. An increase in the expression of this gene correlates with an increase in cancer cell invasion and adhesion. Naturally occurring mutations in this gene are associated with Hirschsprung disease.</p>
Form	Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.4.
Molecular Mass	82.4 kDa
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Storage Stable for at least 6 months from date of receipt under proper storage and handling conditions.

Concentration Resuspend the protein to the desired concentration in proper buffer.

GENE INFORMATION

Gene Name SEMA3C sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C [Homo sapiens]

Official Symbol SEMA3C

Synonyms SemE; SEMAE

Gene ID 10512

mRNA Refseq NM_006379.3

Protein Refseq NP_006370.1

MIM 602645

UniProt ID Q99985

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