

Active Recombinant Human SEMA4G Protein, Fc-tagged

Cat. No. SEMA4G-190H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA4G Protein (Val18 - Leu675) was expressed in NS0 cells with human IgG1 (Pro100 - Lys330) Fc tag.
Species	Human
Source	Mammalian Cells
ProteinLength	18-675 a.a.
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	The activity has been measured by its ability to inhibit the proliferation of HCT?116 human colorectal carcinoma cells. The ED50 for this effect is 100-400 ng/mL.
Molecular Mass	110-120 kDa, reducing conditions
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%
Storage	12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 200 µg/mL in PBS.

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GENE INFORMATION

Gene Name	SEMA4G sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G [Homo sapiens]
Official Symbol	SEMA4G
Synonyms	SEMA4G; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G;
Gene ID	10504

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