



[Go to Product page](#)

Datasheet for ABIN4371139

## SEMA4D/CD100 Protein (AA 24-711) (Fc Tag)

### Overview

Quantity:	50 µg
Target:	SEMA4D/CD100 (SEMA4D)
Protein Characteristics:	AA 24-711
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA4D/CD100 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Mouse Semaphorin 4D/SEMA4D (C-Fc)
Sequence:	FAPVPRLTWE HGEVGLVQFH KPGIFNYSAL LMSEDKDTLY VGAREAVFAV NALNISEKQH EVYWKVSEDK KSKCAEKGKS KQTECLNYIR VLQPLSSTSL YVCGTNAFQP TCDHLNLTSE KFLGKSEDK GRCPPDPAHS YTSVMVGGEL YSGTSYNFLG SEPIISRNS HSPLRTEYAI PWLNEPSFVF ADVIQKSPDG PEGEDDKVYF FFTEVSVEYE FVFKLMIPRV ARVCKGDQGG LRTLQKKWTS FLKARLICK PDSGLVFNIL QDVFVLRAPG LKEPVFYAVF TPQLNNVGLS AVCAYTLATV EAVFSRGKYM QSATVEQSHT KWVRYNGPVP TPRPGACIDS EARAANYTSS LNLDPKTLQF VKDHPLMDDS VTPIDNRPKL IKKDVNYTQI VVDRTQALDG TFYDVMFIST DRGALHKAVI LTKEVHVIEE TQLFRDSEPV LTLSSKKG RKFVYAGSNS GVVQAPLAF EKHGSCEDCV LARDPYCAWS PAIKACVTLH QEEASSRWI QDMSGDTSS LDKSKESFNQ HFFKHGGTAE LKCFQKSNLA RVVWKFQNGE LKAASPKYGF VGRKHLLIFN LSDGDSGVYQ CLSEERVRNK TVSQLLAKHV LEVKMVPRTV PSPTSEDAQT EGSKITSKMP VASTQGSSPP TPALWATSPR AATLPPKSSS GTSCPEKMDV DIEGRMDEPK SCDKTHTCPP CPAPELLGGP

## Product Details

---

SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS  
TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM  
TKNQVSLTCL VKGFYPDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ  
QGNVFSCSVM HEALHNHYTQ KSLSLSPGK

Characteristics:	Recombinant Mouse Semaphorin 4D/SEMA4D (C-Fc)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

---

Target:	SEMA4D/CD100 (SEMA4D)
Alternative Name:	Semaphorin 4D ( <a href="#">SEMA4D Products</a> )
Molecular Weight:	103.4 kDa
UniProt:	<a href="#">O09126</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.