

Datasheet for ABIN7607694

**SEMA3C Protein (AA 21-738, R551A, R552A, R611A, R612A)  
(Fc Tag)**[Go to Product page](#)

## Overview

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Quantity:                     | 50 µg                                                                               |
| Target:                       | SEMA3C                                                                              |
| Protein Characteristics:      | AA 21-738, R551A, R552A, R611A, R612A                                               |
| Origin:                       | Human                                                                               |
| Source:                       | Mammalian Cells                                                                     |
| Protein Type:                 | Recombinant                                                                         |
| Biological Activity:          | Active                                                                              |
| Purification tag / Conjugate: | This SEMA3C protein is labelled with Fc Tag.                                        |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA) |

## Product Details

|                              |                                                                                                                                                                                                                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:                     | Recombinant Human SEMA3C Protein, C-hFc (Active)                                                                                                                                                                                                                                           |
| Purity:                      | >90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                           |
| Endotoxin Level:             | <0.1 EU/µg of the protein by the LAL method.                                                                                                                                                                                                                                               |
| Biological Activity Comment: | Measured by the ability of the immobilized protein to support the adhesion of mouse vascular endothelial cells (SVEC4-10) to Fibronectin. Recombinant human SEMA3C (Cat #: AHJ48201) immobilized at 10 µg/mL, with 2 ng/mL rhFN-1, 100 µL/well, will induce approximately 50-75% adhesion. |

## Target Details

|         |        |
|---------|--------|
| Target: | SEMA3C |
|---------|--------|

## Target Details

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Alternative Name: | SEMA3C ( <a href="#">SEMA3C Products</a> )         |
| Background:       | SEMA3C, Semaphorin-E, Semaphorin-3C, SEMAE, Sema E |
| UniProt:          | <a href="#">Q99985</a>                             |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                           |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.                                                                                               |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                                    |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. |
| Expiry Date:     | 12 months                                                                                                                                                             |