

Datasheet for ABIN7607208

## SEMA3F Protein (AA 19-775, R583A, R586A) (His-Fc tag)



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### Overview

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Quantity:                     | 50 µg                                                                               |
| Target:                       | SEMA3F                                                                              |
| Protein Characteristics:      | AA 19-775, R583A, R586A                                                             |
| Origin:                       | Mouse                                                                               |
| Source:                       | Mammalian Cells                                                                     |
| Protein Type:                 | Recombinant                                                                         |
| Biological Activity:          | Active                                                                              |
| Purification tag / Conjugate: | This SEMA3F protein is labelled with His-Fc tag.                                    |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA) |

### Product Details

|                              |                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:                     | Recombinant Mouse SEMA3F/Semaphorin 3F Protein, C-hFc-His (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 its ability to inhibit proliferation of the human lung carcinoma cells (A549). The ED50 for this effect is 40-120 ng/mL. |

### Target Details

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Target:           | SEMA3F                                            |
| Alternative Name: | Semaphorin-3F ( <a href="#">SEMA3F Products</a> ) |

## Target Details

Background: Semaphorin-3F, Semaphorin IV (Sema IV), Sema3f

UniProt: [O88632](#)

Pathways: [Regulation of Cell Size](#)

## 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