

Datasheet for ABIN7607548

SEMA3F Protein (AA 19-772, L503M, R585A, R586A, R651A) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SEMA3F
Protein Characteristics:	AA 19-772, L503M, R585A, R586A, R651A
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SEMA3F protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human SEMA3F/Semaphorin 3F Protein, N-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 binding ability in a functional ELISA. When recombinant human Neuropilin-2 is immobilized at 2 µg/mL, 100 µL/well, it binds recombinant human SEMA3F/Semaphorin 3F (Cat #: AHG46701). The concentration of recombinant human Semaphorin 3F that produces 50% of the optimal binding response is 0.1-0.6 µg/mL.

Target Details

Target:	SEMA3F
---------	--------

Target Details

Alternative Name:	Semaphorin-3F (SEMA3F Products)
Background:	Semaphorin-3F, SEMA3F, Sema IV, Sema III/F, Semaphorin IV
UniProt:	Q13275
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