

Datasheet for ABIN7607752

SEMA5B Protein (AA 78-834) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SEMA5B
Protein Characteristics:	AA 78-834
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SEMA5B protein is labelled with His-Fc tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human SEMA5B 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 the ability of the immobilized protein to support the adhesion of human pancreatic cancer cells. When 5×10^4 cells/well are added to recombinant human SEMA5B (Cat #: AHJ71601) coated plates, cell adhesion is enhanced in a dose dependent manner after 1 hour at 37 °C. The ED50 for this effect is 0.7-2.8 µg/mL.

Target Details

Target:	SEMA5B
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Target Details

Alternative Name:	SEMAG (SEMA5B Products)
Background:	SEMAG, Semaphorin-5B, SEMA5B, KIAA1445
UniProt:	Q9P283

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