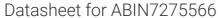
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SEMA4D/CD100 Protein (AA 22-734) (His-Avi Tag, Biotin)





Go to Product page

Overview

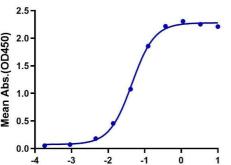
Quantity:	100 μg
Target:	SEMA4D/CD100 (SEMA4D)
Protein Characteristics:	AA 22-734
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA4D/CD100 protein is labelled with His-Avi Tag,Biotin.

Product Details

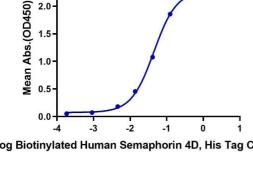
Purpose:	Biotinylated Human Semaphorin 4D/SEMA4D/CD100 Protein
Sequence:	Met22-Arg734
Characteristics:	Recombinant Biotinylated Human Semaphorin 4D/SEMA4D/CD100 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Met22-Arg734.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.
Biological Activity Comment:	Immobilized Anti-Semaphorin 4D Antibody, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human Semaphorin 4D, His Tag with the EC50 of 44.8ng/ml determined by ELISA. See testing image for detail.

Target Details	
Target:	SEMA4D/CD100 (SEMA4D)
Alternative Name:	Semaphorin 4D (SEMA4D Products)
Background:	Semaphorin 4D (Sema4D) is a multifunctional protein widely expressed in an organism that plays an important role in the control of many physiological and pathological processes, including immunoregulation, neurogenesis, angiogenesis, and tumor progression.
Molecular Weight:	82.1 kDa. Due to glycosylation, the protein migrates to 115-140 kDa based on Tris-Bis PAGE result.
Pathways:	Regulation of Cell Size
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Biotinylated Human Semaphorin 4D, His Tag ELISA 0.05µg Anti-Semaphorin 4D Antibody, hFc Tag Per Well



Log Biotinylated Human Semaphorin 4D, His Tag Conc.(µg/ml)



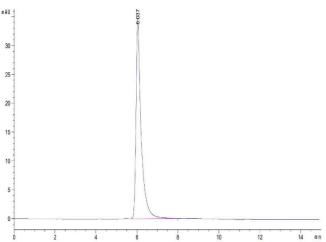
chromatography-High **Size-exclusion** Liquid **Pressure** Chromatography

Image 1. Immobilized Anti-Semaphorin 4D Antibody, hFc Tag at $0.5 \,\mu\text{g/mL}$ (100 $\mu\text{L/Well}$) on the plate. Dose response

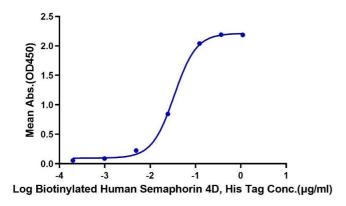
curve for Biotinylated Human Semaphorin 4D, His Tag with

the EC50 of 44.8 ng/mL determined by ELISA.

Image 2. The purity of Biotinylated Human Semaphorin 4D is greater than 95 % as determined by SEC-HPLC.



Biotinylated Human Semaphorin 4D, His Tag ELISA 0.1µg Anti-Semaphorin 4D Antibody, hFc Tag Per Well



ELISA

ELISA

Image 3. Immobilized Anti-Semaphorin 4D Antibody, hFc Tag at $1 \mu g/mL$ (100 $\mu L/well$) on the plate. Dose response curve for Biotinylated Human Semaphorin 4D, His Tag with the EC50 of 34 ng/mL determined by ELISA.

Please check the product details page for more images. Overall 4 images are available for ABIN7275566.