

Datasheet for ABIN2713349

SEMA4D/CD100 Protein (Transcript Variant 1)



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Overview

Quantity:	20 µg
Target:	SEMA4D/CD100 (SEMA4D)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Antibody Production (AbP), Standard (STD), Functional Studies (Func), Protein Interaction (PI)

Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	• Recombinant human CD100 / SEMA4D (transcript variant 1) protein expressed in CHO cells. • Produced with end-sequenced ORF clone • Tested for bioactivity.
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).
Biological Activity Comment:	Measured by its ability to inhibit chemokine (hMCP-3) induced human monocyte migration.

Target Details

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Target Details

Alternative Name:	Cd100,sema4d (SEMA4D Products)
Molecular Weight:	78.9 kDa
NCBI Accession:	NP_006369
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Restrictions:	For Research Use only

Handling

Buffer:	Lyophilized from a 0.2 µM filtered solution of 20 mM phosphate buffer,100 mM NaCl, pH 7.2
Handling Advice:	Resuspend the protein in the desired concentration in proper buffer
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.