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Datasheet for ABIN4371052

SEMA4D/CD100 Protein (AA 22-734) (Fc Tag)

Overview

Quantity:	50 µg
Target:	SEMA4D/CD100 (SEMA4D)
Protein Characteristics:	AA 22-734
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA4D/CD100 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Semaphorin-4D/SEMA4D/CD100 (C-Fc)
Sequence:	MAFAPIPRIT WEHREVHLVQ FHEPDIYNYS ALLLSEDKDT LYIGAREAVF AVNALNISEK QHEVYWKVSE DKKAKCAEKG KSKQTECLNY IRVLQPLSAT SLYVCGTNAF QPACDHLNLT SFKFLGKNED GKGRCPFDPA HSYTSVMVDG ELYSGTSYNF LGSEPIISRN SSHSPLRTEY AIPWLNESPF VFADVIRKSP DSPDGEDDRV YFFFTEVSVE YEFVFRVLIP RIARVCKGDQ GGLRTLQKKW TSFLKARLIC SRPDSGLVFN VLRDVFVLR S PGLKVPVFYA LFTPQLNNVG LSAVCAYNLS TAAEVFSHGK YMQSTTVEQS HTKWWRYNGP VPKPRPGACI DSEARAANYT SSLNLPDKTL QFVKDHPLMD DSVTPIDNRP RLIKKDVNYT QIVVDRTQAL DGTVYDVMFV STDRGALHKA ISLEHAVHII EETQLFQDFE PVQTL LLSK KGNRFVYAGS NSGVVQAPLA FCGKHGT CED CVLARDPYCA WSPPTATCVA LHQTESPSRG LIQEMSGDAS VCPDKSKGSY RQHFFKHGGT AELKCSQKSN LARVFWKFQN DVLKAESPKY GLMGRKNLLI FNLSEGDSGV YQCLSEERVK NKTVFQVVAK HVLEVKVVPK PVVAPTLSVV QTEGSRIATK VVLVASTQGS PPTPAVQATS SGAILPPKP APTGT SCEPK IVINTVQLH SEKTMYLKSS DNRVDDIEGR

Product Details

MDEPKSCDKT HTCPPCAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCW VDVSHEDPEV
KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE
KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT
TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALTH NHYTQKSLSL SPGK

Characteristics: Recombinant Human Semaphorin-4D/SEMA4D/CD100 (C-Fc)

Purity: > 95 % as determined by reducing SDS-PAGE.

Sterility: 0.2 µm filtered

Endotoxin Level: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target: SEMA4D/CD100 (SEMA4D)

Alternative Name: Semaphorin-4D ([SEMA4D Products](#))

Molecular Weight: 106.4 kDa

UniProt: [Q92854](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.