

Datasheet for ABIN7320640
SEMA4C Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	SEMA4C
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA4C protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse Semaphorin-4C/SEMA4C Protein (Fc Tag)
Sequence:	Ala21-Gly664
Characteristics:	Recombinant Mouse Semaphorin 4C is produced by our Mammalian expression system and the target gene encoding Ala21-Gly664 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SEMA4C
Alternative Name:	Semaphorin-4C/SEMA4C (SEMA4C Products)
Background:	Background: Semaphorin-4C is a protein which belongs to the semaphorin family, contains 1 Ig-like C2-type domain, 1 PSI domain, 1 Sema domain. As cell surface receptor for PLXNB2, it plays an important role in cell-cell signaling. PLXNB2 binding promotes downstream activation

Target Details

of RHOA and phosphorylation of ERBB2 at 'Tyr-1248'. It required for normal brain development, axon guidance and cell migration, Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.

Synonym: Semaphorin-4C, Semaphorin I, S4c, Semacl1, Semai, Sema I, Semaphorin-C-like 1, M-Sema F, Sema4c

Molecular Weight: 99.3 kDa

UniProt: [Q64151](#)

Pathways: [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

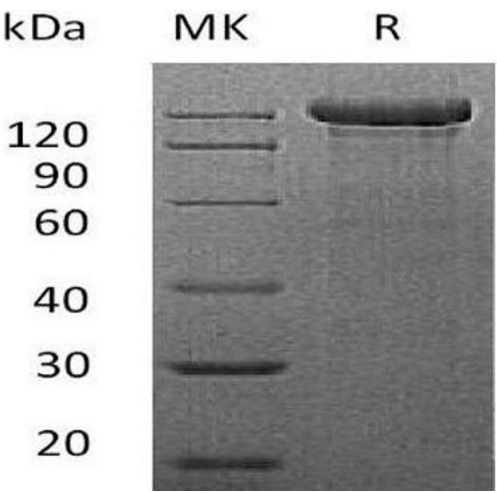
Reconstitution: Please refer to the printed manual for detailed information.

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

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.