

Recombinant Mouse Semaphorin 4C/SEMA4C Protein(C-Fc)

Cat.NO.: TP05974

3th Edition

Synonyms:Semaphorin-4C;Semaphorin I;S4c; Semacl1; Semai;Sema I;Semaphorin-C-like 1;M-Sema F;Sema4c

Description: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 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.

Form:PBS

Molecular Weight:99.3 kDa

Sequences:Ala21-Gly664

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.