

## Product datasheet for **TP727278**

### Sema4c Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Semaphorin 4C/SEMA4C (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala21-Gly664
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	20353
UniProt ID:	<a href="#">Q64151</a>
Synonyms:	Semaphorin-4C;Semaphorin I;S4c; Semacl1; Semai;Sema I;Semaphorin-C-like 1;M-Sema F;Sema4c
Summary:	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.



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