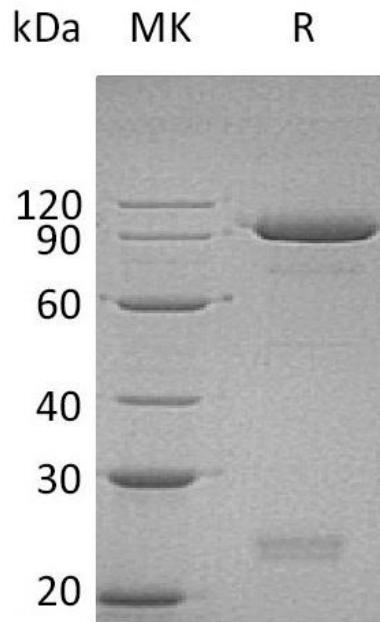


Summary

Name	Semaphorin 3C/SEMA3C
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Semaphorin 3C is produced by our Mammalian expression system and the target gene encoding Gly21-Ser738 is expressed with a 6His tag at the C-terminus.
Accession #	Q99985
Host	Human Cells
Species	Human
Predicted Molecular Mass	82.44 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM NaH ₂ PO ₄ , 150mM NaCl, 0.1M Arginine, 0.1M Glu, 10% Glycerol, 0.01% Tween20, 5% Trehalose, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Alternative Names

Semaphorin-3C; Semaphorin-E; Sema E; SEMA3C; SEMAE

Background

Semaphorin 3C is one of six Class 3 secreted semaphorins, which are potent chemorepellents, that play a role in axon and/or vascular guidance during development can be up-regulated in the process of tumor progression. Semaphorin 3C consists of a 20 amino acids signal sequence, a N-terminal Sema domain, a cysteine knot, a furine-type cleavage site, an Ig-like domain, and a C-terminal basic domain. Semaphorin 3C expressed highly in the heart, colon, skeletal muscle, small intestine, testis, ovary and prostate, expressed lowly in the other organs, including the brain.

Note

For Research Use Only , Not for Diagnostic Use.