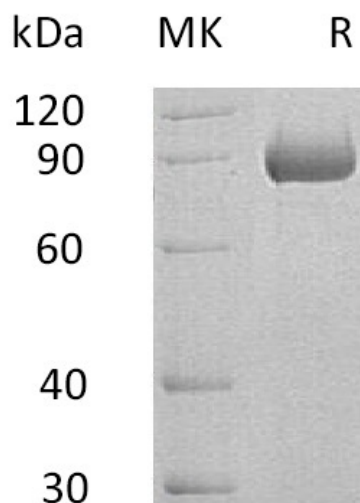


Summary

Name	Semaphorin 4B/SEMA4B
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/ μ g as determined by LAL test.
Construction	Recombinant Human Semaphorin 4B is produced by our Mammalian expression system and the target gene encoding Leu39-Glu712 is expressed with a 6His tag at the C-terminus.
Accession #	Q9NPR2
Host	Human Cells
Species	Human
Predicted Molecular Mass	75.7 KDa
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, 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 \leq -70°C, stable for 6 months after receipt. Store at \leq -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Product Name: Recombinant Human SEMA4B (C-6His)
Catalog #: PHH1483



Alternative Names

Semaphorin-4B; KIAA1745; SEMAC and SEMA4B

Background

The class 4 semaphorins are integral membrane proteins that are widely expressed throughout the nervous system. SEMA4B is a single-pass type I membrane protein and contains one Ig-like C2-type (immunoglobulin-like) domain, one PSI domain and one Sema domain. Human SEMA4B is expressed in neurons. SEMA4B inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons. SEMA4B negatively regulates basophil-mediated Th2 and humoral memory responses.

Note

For Research Use Only , Not for Diagnostic Use.