

Recombinant Human Semaphorin-4B/SEMA4B Protein(C-6His)

Cat.NO.: TP06114

3th Edition

Synonyms:Semaphorin-4B; KIAA1745; SEMAC and SEMA4B

Description: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.

Form:PBS

Molecular Weight:75.7 kDa

Sequences:Leu39-Glu712

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.