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Product Datasheet

Recombinant Human SEMA4B (C-Fc-6His)
EBT-EPT019

Article Name	Recombinant Human SEMA4B (C-Fc-6His)
Biozol Catalog Number	EBT-EPT019
Supplier Catalog Number	EPT019
Alternative Catalog Number	EBT-EPT019-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Semaphorin 4B is produced by our Mammalian expression system and the target gene encoding Leu39-Glu712 is expressed with a Fc, 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 102 KDa. Apparent molecular weight: 114 KDa, reducing conditions
UniProt	Q9NPR2
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Semaphorin-4B is a single-pass type I membrane protein. SEMA4B is a member of the semaphorin family. 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