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## Product Datasheet

### Recombinant Human SEMA4B (C-6His) EBT-EPT014

Article Name	Recombinant Human SEMA4B (C-6His)
Biozol Catalog Number	EBT-EPT014
Supplier Catalog Number	EPT014
Alternative Catalog Number	EBT-EPT014-50
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 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 75.7 KDa. Apparent molecular weight: 86 KDa, reducing conditions
UniProt	<a href="#">Q9NPR2</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Application Notes	Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test. 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