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Product Datasheet

Recombinant Human SEMA4D (C-Fc) EBT-EPT258

Article Name	Recombinant Human SEMA4D (C-Fc)
Biozol Catalog Number	EBT-EPT258
Supplier Catalog Number	EPT258
Alternative Catalog Number	EBT-EPT258-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Semaphorin 4D is produced by our Mammalian expression system and the target gene encoding Met22-Arg734 is expressed with a Fc tag at the C-terminus....
Molecular Weight	Molecular weight: 106.4 KDa. Apparent molecular weight: 130-170 KDa, reducing conditions
UniProt	AAH54500.1
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 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. Background: Semaphorin-4D is also known as A8, BB18, GR3, CD100. Semaphorin-4D belongs to the semaphorin family containing 1 Ig-like C2-type domain, 1 PSI domain and 1 Sema domain. It is the cell surface receptor for PLXN1B and PLXNB2 that plays an important role in cell-cell signaling. It promotes the migration of cerebellar granule cells and of endothelial cells, regulates dendrite and axon branching and morphogenesis. Semaphorin-4D Plays a role in the immune system, Promotes signaling via SRC and PTK2B/PYK2, which then mediates activation of phosphatidylinositol 3-kinase and of the AKT1 signaling cascade.