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## Product Datasheet

### Recombinant Mouse Semaphorin-4D (Sema4d), partial (Active) BYT-ORB1095884

Article Name	Recombinant Mouse Semaphorin-4D (Sema4d), partial (Active)
Biozol Catalog Number	BYT-ORB1095884
Supplier Catalog Number	orb1095884
Alternative Catalog Number	BYT-ORB1095884-20,BYT-ORB1095884-100,BYT-ORB1095884-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Mouse Semaphorin-4D (Sema4d), partial (Active) spans the amino acid sequence from region 24-733aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	108.1 kDa
UniProt	<a href="#">009126</a>
Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Source	Mus musculus (Mouse)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	FAPVPRLTWEHGEVGLVQFHKPGIFNYSALLMSEDKDTLYVGAREAVFAVNAL NISEKQHEVYWKVSEDKKSCKAEKGKSKQTECLNYIRVLQPLSSTSLYVCGTN AFQPTCDHLNLTSEKFLGKSEDGKGRCPFDPAHSYTSVMVGGELYSGTSYNFL GSEPIISRNSSHSPLRTEYAIPWLNESFVFADVIQSPDGPEGEDDKVYFFFTE VSVEYEFVFKLMIPRVARVCKGDQGGLRTLQKKWTSFLKAR

Application Notes

Biological Origin: Mus musculus (Mouse). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Pepinemab at 2 µg/ml can bind Mouse Sema4d, the EC50 is 4.878-7.446 ng/ml. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference