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## Product Datasheet

### Recombinant Human Semaphorin-4D (SEMA4D), partial (Active) BYT-ORB1095882

Article Name	Recombinant Human Semaphorin-4D (SEMA4D), partial (Active)
Biozol Catalog Number	BYT-ORB1095882
Supplier Catalog Number	orb1095882
Alternative Catalog Number	BYT-ORB1095882-20,BYT-ORB1095882-100,BYT-ORB1095882-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Semaphorin-4D (SEMA4D), partial (Active) spans the amino acid sequence from region 22-734aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	81.9 kDa
UniProt	<a href="#">Q92854</a>
Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Source	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	MAFAPIPRITWEHREVHLVQFHEPDIYNYSALLLSEDKDTLYIGAREAVFAVNA LNISEKQHEVYWKVSEDKKAKCAEKGKSKQTECLNYIRVLQPLSATSPLYVCGT NAFQPACDHLNLTSEFKLGNEDGKGRCPDPAHSYTSVMVDGELYSGTSYN FLGSEPIISRNSSHSPLRTEYAIPWLNESFVFADVIRKSPDSPDGEDDRVYFFF TEVSVEYEFVFRVLIPRIARVCKGDQGLRRTLQKKWTSFLK

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized human SEMA4D at 2 µg/mL can bind Pepinemab, the EC50 is 4.035-5.743 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