

## Human Semaphorin 4D/SEMA4D/CD100 protein (Recombinant) (C-His-Avi) {Biotin} (STJP001561)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293

### PRODUCT PROPERTIES

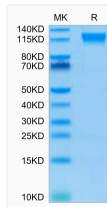
Formulation	Lyophilised from 0.2 $\mu$ m filtered PBS solution pH7.4.
Molecular Weight	Recombinant Human Semaphorin 4D/SEMA4D/CD100 is a protein consisting of amino acid residues [Met22-Arg734]. The protein has a predicted MW of 82.1 kDa. Due to glycosylation, the protein migrates to 115-140 kDa based on Tris-Bis PAGE result..
Storage Instruction	The lyophilized protein is stable for at least 1 year from date of receipt at -20°C.

### TARGET INFORMATION

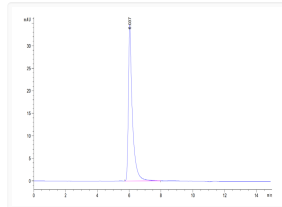
Gene ID	<a href="#">10507</a>
Gene Symbol	<a href="#">SEMA4D</a>
UniProt ID	<a href="#">SEM4D_HUMAN</a>
Immunogen Region	Met22-Arg734

### ADDITIONAL INFORMATION

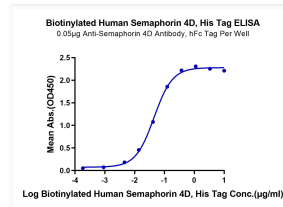
Note STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Biotinylated Human Semaphorin 4D on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human Semaphorin 4D is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-Semaphorin 4D Antibody, hFc Tag at 0.5  $\mu$ g/ml (100  $\mu$ g I/Well) on the plate. Dose response curve for Biotinylated Human Semaphorin 4D, His Tag with the EC<sub>50</sub> of 44.8 ng/ml determined by ELISA.