

## Semaphorin-4D/SEMA4D Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78202
Synonyms:	Semaphorin-4D; CD100; SEMA4D; C9orf164; FLJ33485; FLJ34282; FLJ39737; FLJ46484; M-sema-G; MGC169138; MGC169141; SEMAJ; coll-4
Species:	Human
Source:	HEK293
Accession:	Q92854 (M22-R734)
Gene ID:	10507
Molecular Weight:	100-130 kDa

### PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. When immobilized Anti-Semaphorin 4D Antibody hFc at 0.5 µg/mL (100 µL/Well), can bind Human Semaphorin 4D His Tag and the EC <sub>50</sub> is 55.2 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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