

RP00442

Leader in Biomolecular Solutions for Life Science



Recombinant Human CD100/Semaphorin 4D/SEMA4D Protein

Catalog No.: RP00442

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10507	Q92854

Tags

C-6×His

Synonyms

SEMA4D;C9orf164;CD100;M-sema-G;SEMAJ;coll-4;Semaphorin 4D / CD100

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human CD100/Semaphorin 4D/SEMA4D Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Met22-Arg734) of human CD100/Semaphorin 4D/SEMA4D (Accession #Q92854) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its ability to inhibit survival of SK-OV-3 human ovarian carcinoma cells. The ED₅₀ for this effect is typically 0.4-2 μg/mL.

Storage

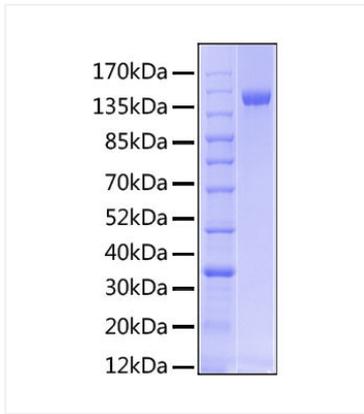
Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human CD100/Semaphorin 4D/SEMA4D was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 110 kDa.