

Human CD100 Recombinant Protein



RPPB3106

Product Information Protein Information

Product SKU:

RPPB3106

Accession:

Q92854

Host:

HEK293 cells.

Protein description:

CD100 Human Recombinant produced by mammalian expression system in human cells is a single polypeptide chain containing 721 amino acids (22-734). CD100 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Thesemaphorin family containing 1 Ig-like C2-type domain, 1 PSI domain and 1 Sema domai, Semaphorin-4D, A8, BB18, GR3, SEMA4D, C9orf164, CD100, SEMAJ.

Formulation:

CD100 was lyophilized from a 0.2 µM filtered solution of 20mM PB and 150mM NaCl, PH 7.4.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CCD100 in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CD100 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CD100 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MAFAPIPRITWEHREVHLVQFHEPDIYNYSALLSEDKDTLYIGAREAVFAVNALNISEKQHEVYWKVSEDKKAKCAE
KGKSKQTECLNYIRVLQPLSATSLYVCGTNAFQACDHLNLTFSKFLGKNEDGKGRCPFDPAHSYTSVMVDGELYS
GTSYNFLGSEPIISRNSSHPLRTEYAIPWLNESFVFADVIRKSPDSDGEDDRVYFFTEVSVEYEFVFRVLIPRIARV
CKGDQGGRLTLQKKWTSFLKARLICSRPDSGLVFNVLRDVFLRSPGLKVPVFYALFTPQLNNVGLSAVCAYNLSTA
EEVFSHGKYMSTTVEQSHTKWVRYNGPVPKPRPGACIDSEARAANYTSSLNLPDKTLQFVKDHLMDSDSVTPID
NRPRLIKDVNYTQIVVDRTQALDGTVDVDMFVSTDRGALHKAISLEHAVHIIETQLFQDFEPVQTLSSKKGNR
FYAGSNSGVVQAPLAFCKHGTCEDCVLARDPYCAWSPPTATCVALHQTESPSRGLIQEMSGDASVCPDKSKGSY
RQHFFKHGGTAELKCSQKSNSEKTMYLKSSDNVRVDHHHHHH.