

Recombinant Canine CD28 protein, mFc-tagged

Cat. No. CD28-5643C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CD28 protein(Q9GKP3)(Thr18-Pro153), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Thr18-Pro153
Tag	C-mFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 41.6 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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