

Recombinant Cynomolgus C5 protein

Cat. No. C5-453C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus C5 protein (XP_005580972.1) (Met678-Arg751) was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met678-Arg751
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus C5 consists of 74 amino acids and predicts a molecular mass of 8.41 kDa. It migrates as an approximately 12.42 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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