

Active Recombinant Mouse Cd83 Protein, Fc Chimera

Cat. No. Cd83-625M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd83 (Accession # NP_033986), fused with , was produced in Spodoptera frugiperda, Sf 21 (stably transfected)-derived.
Species	Mouse
Source	Sf21 Cells
Predicted N Terminal	Met22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human monocyte-derived dendritic cells. When 5 x 10 ⁴ cells/well are added to mouse CD83/Fc coated plates (2.5 µg/mL with 100 µL/well), approximately 50 - 75% will adhere after 1 hour incubation at room temperature. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Cd83, Fc Chimera has a calculated MW of 39.1 kDa (monomer). In SDS-PAGE migrates as 52 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Cd83 CD83 antigen [Mus musculus]
Official Symbol	Cd83
Synonyms	CD83; CD83 antigen; mCD83; MGC130312; MGC130313;
Gene ID	12522
mRNA Refseq	NM_009856
Protein Refseq	NP_033986
MIM	

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