

## Recombinant Mouse CD6 Antigen

Cat. No. Cd6-1710M Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Description</b>	CD6 (Cluster of Differentiation 6) is a cell surface glycoprotein that is involved in T cell activation and a member of the scavenger receptor cysteine rich protein superfamily (SRCRSF). CD6 can deliver coactivating signals to mature T lymphocytes and regulate its antigen specific and autoreactive responses.
<b>Molecular Weight</b>	The predicted molecular weight of Recombinant Mouse CD6 is Mr 68.6 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 116 kDa.
<b>State Of Matter</b>	Lyophilized.
<b>Purity</b>	>90% by SDS Page and analyzed by silver stain.
<b>Endotoxin</b>	<0.1 ng per 1 g as determined by the LAL method.
<b>Storage And Stability</b>	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

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## GENE INFORMATION

<b>Gene Name</b>	Cd6 CD6 antigen [ Mus musculus ]
<b>Synonyms</b>	Cd6; CD6 antigen
<b>Gene ID</b>	12511
<b>mRNA Refseq</b>	NM_001037801
<b>Protein Refseq</b>	NP_001032890
<b>UniProt ID</b>	Q61003
<b>Chromosome Location</b>	19 A; 19 5.0 cM
<b>Pathway</b>	Cell adhesion molecules (CAMs)
<b>Function</b>	protein binding; scavenger receptor activity

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