

Recombinant Human CD6 Molecule

Cat. No. CD6-1591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mammalian Cells
Description	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.
Molecular Weight	The predicted molecular weight of Recombinant Human CD6 is Mr 68.2 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 110 kDa.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	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

Gene Name	CD6 CD6 molecule [Homo sapiens]
Synonyms	CD6; CD6 molecule; TP120; FLJ44171; CD6 antigen; T-cell differentiation antigen CD6; T12
Gene ID	923
mRNA Refseq	NM_006725
Protein Refseq	NP_006716
MIM	186720
UniProt ID	P30203
Chromosome Location	11q13
Pathway	Cell adhesion molecules (CAMs)
Function	protein binding; protein kinase binding; scavenger receptor activity

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