

Recombinant Human CD6 protein, His/T7-tagged

Cat. No. CD6-312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD6(18-402 aa) fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-402 a.a.
Description	This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	44 kDa
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFHPSPAPPDQLNTSSAESELWE PGE RPLVRLTNGSSSCSGTVEVRLEASWEPACGALWDSRAAEAVCRALGC GGAEAAAS QLAPPTPELPPPPAAGNTSVAANATLAGAPALLCSGAEWRLCE VVEHACRSDGRR ARVTCAENRALRLVDGGGACAGRVEMLEHGEWGSVCDD TWDLEDAHVVCRQLG

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CGWAVQALPGLHFTPGRGPIHRDQVNCSGAEAYLW DCPGLPGQHYCGHKEDAGA
VCSEHQSWRLTGGADRCEGQVEVHFRGVWNT VCDSEWYPSEAKVLCQSLGCGT
AVERPKGLPHSLSGRMYYSNGEELTLS NCSWRFNNSNLCSQSLAARVLCASRS
LHNLSTPEVPASVQTVTISSVT VKIENKESRELMLL

Purity	>90% by SDS-PAGE.
Applications	SDS-PAGE
Concentration	50 g at 0.5 mg/ml
Shipping	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CD6 CD6 molecule [Homo sapiens]
Official Symbol	CD6
Synonyms	CD6; CD6 molecule; CD6 antigen; T-cell differentiation antigen CD6; Tp120; T12; TP120; FLJ44171;
Gene ID	923
mRNA Refseq	NM_001254750
Protein Refseq	NP_001241679
MIM	186720
UniProt ID	P30203

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Chromosome Location	11q12.2
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;
Function	scavenger receptor activity;

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