

## Recombinant Human CD6 protein, His/T7-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD6(18-402 aa) fused with His/T7 tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	18-402 a.a.
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	44 kDa
<b>AA Sequence</b>	<p>MASMTGGQQMGRGHHHHHHGNLYFQGGGFHPSAPPDQLNTSSAESELWE PGE            RLPVRLTNGSSSCSGTVEVRLEASWEPACGALWDSRAAEAVCRALGC GGAEAAAS            QLAPPTPELPPPPAAGNTSVAANATLAGAPALLCSGAEWRLCE VVEHACRS DGRR            ARVTCAENRALRLVDGGGACAGRVEMLEHGEWGSVCDD TWDLEDAHVVCRQLG</p>

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CGWAVQALPGLHFTPGRGPIHRDQVNCSGAEAYLW DCPGLPGQHGYCGHKEDAGA  
 VCSEHQSWRLTGGADRCEGQVEVHFRGVWNT VCDSEWYPSEAKVLCQSLGCGT  
 AVERPKGLPHSLSGRMYYSNGEELTLS NCSWRFNNSNLCSQSLAARVLCASRS  
 LHNLSTPEVPASVQTVTISSVT VKIENKESRELMLL

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

## GENE INFORMATION

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

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

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