

Recombinant Mouse Cd5l Protein, His-tagged

Cat. No. Cd5l-361M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CD5L, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	CD5L, also known as CD5 antigen-like, plays a role in the regulation of the immune system. CD5L which is a secreted glycoprotein and expressed by macrophages presenting lymphoid tissues such as bone marrow, lymph node and thymus is up-regulated in macrophage at inflammatory sites. It sustains inflammatory reactions by both increasing the phagocytic capacity of macrophage and impeding the apoptosis of local macrophages, NK cells and T cells.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	37.6kDa (339aa)40-57KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ESPTKVQLVG GAHRCEGRVE VEHNGQWGTV CDDGWDRRDV AVVCRELNCG AVIQTPRGAS YQPPASEQRV LIQGVDCNGT EDTLAQCELN YDVFDCSHEE DAGAQCENPD SDLLFIPEDV RLVDGPGHCQ GRVEVLHQSQ WSTVCKAGWN LQVSKVVCRC LGCGRALLTY GSCNKSTQGK GPIWMGKMSC SGQEANLRSC LLSRLENNCT HGEDTWMECE DPFELKLVGG DTPCSGRLEV LHKGSWGSVC DDNWGEKEDQ VVCKQLGCGK SLHPSPKTRK IYGPAGARIW LDDVNCSGKE QSLEFCRHRL WGYHDCSTHE DVEICTDFD VLEHHHHHH

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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	Cd5l CD5 antigen-like [<i>Mus musculus</i>]
Official Symbol	Cd5l
Synonyms	CD5L; CD5 antigen-like; CT-2; Pdp 1/6; AIM/Spalpha; apoptosis inhibitor 6; apoptosis inhibitor expressed by macrophages; 1/6; CT2; Pdp; Api6; AAC-11; AI047839; Sp-alpha;
Gene ID	11801
mRNA Refseq	NM_009690
Protein Refseq	NP_033820
MIM	
UniProt ID	
Function	scavenger receptor activity;

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