

CD5 antigen-like, 22-352aa, Mouse, His tag, Insect cell

Cat.NO.: TP01520

3th Edition

Synonyms: Cd5l, Apoptosis inhibitory 6, CT-2, SP-alpha, AAC-11

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. Recombinant mouse CD5L, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 37.6kDa (339aa) 40-57KDa (SDS-PAGE under reducing conditions.)

Sequences:

ESPTKVQLVGGAHRCEGRVEVEHNGQWGTVCDDGWDRRDVAVVCRELNCGAVIQTPRGASYQPPASEQRVLIQ
GVDCNGTEDTLAQCELNYDVFDCSHEEDAGAQCENPDSDLLFIPEDVRLVDGPGHCQGRVEVLHQSQWSTVCKA
GWNLQVSKVVCRLGCGRALLTYGSCNKSTQGKGPIWMGKMSCSGQEANLRSCLLSRLENNCTHGEDTWMECE
DPFELKLVGGDTPCSGRLEVLHKGSGWSVCDDNWGEKEDQVVCKQLGCGKSLHPSPKTRKIYGPAGRIWLDDV
NCSGKEQSLEFCRHRLWGYHDCTHKEDVEVICTDFDVLEHHHHHH

Purity: > 95% by HPLC

Concentration: 0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.