

32-3465: CD30 Recombinant Protein

Alternative Name : CD30,D1S166E,KI-1,Tumor necrosis factor receptor superfamily member 8,CD30L receptor,Ki-1 antigen,Lymphocyte activation antigen CD30,TNFRSF8.

Description

Source : E.coli. CD30 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 384 amino acids (19-379a.a.) and having a molecular mass of 40.8kDa. CD30 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Tumor necrosis factor receptor superfamily member 8 (CD30) is a member of the TNF-receptor superfamily. CD30 is expressed by activated (not by resting) T and B cells. CD30 interacts with TRAF2 and TRAF5 which mediate the signal transduction that leads to the activation of NF-kappaB. CD30 is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity.

Product Info

Amount : 10 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : CD30 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSFPQDRPF EDTCHGNPSH YYDKAVRRCC YRCPMGLFPT
QQCPQRPTDC RKQCEPDYYL DEADRCTACV TCSRDDLVEK TPCAWNSSRV CECRPGMFCS
TSAVNSCARC FFHSVCPAGM IVKFPGTAQK NTVCEPASPG VSPACASPEN CKEPSSGTIP QAKPTPVSPA
TSSASTMPVR GGTRLAQEAA SKLTRAPDSP SSVGRPSSDP GLSPTQPCPE GSGDCRQKQCE PDYYLDEAGR
CTACVSCSRD DLVEKTPCAW NSSRTCECRP GMICATSATN SCARCVPIPI CAAETVTKPQ DMAEKDTTFF
APPLGTQPDN NPTPENGEAP ASTSPTQSLV VDSQASKTLP IPTSAPVALS STGK.

