

CD30/TNFRSF8 (C-Fc), Human, Recombinant

Cat. No. : PCK116

General Information

Synonyms	Tumor necrosis factor Receptor superfamily member 8;CD30L Receptor;Ki-1 antigen; Lymphocyte activation antigen CD30;CD30;TNFRSF8
Species	Human
Expression host	Human Cells
Sequence	Phe19-Lys379
Accession	P28908
Tag	C-Fc
Mol mass	65.2 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

CD30, also known as TNFRSF8, is a cell membrane Protein of the tumor necrosis factor Receptor family, which regulates proliferation/apoptosis and antibody responses. CD30 is expressed by activated, but not by resting, T and B cells. Aberrant expression of CD30 by mastocytosis mast cells and interaction with its Ligand CD30L (CD153) appears to play an important role in the pathogenesis and clinical presentation of systemic mastocytosis. CD30 has been considered as a specific diagnostic biomarker of anaplastic large cell lymphoma (ALCL) and classical Hodgkin lymphoma (cHL). CD30 is also a biomarker used for targeted therapy by an antibody-drug conjugate.

SDS-PAGE

