

## Recombinant Mouse CD30 (C-6His)

Catalog No: CS39

Description Recombinant Mouse TNF Receptor Superfamily Member 8 is produced by our Mammalian expression

system and the target gene encoding Phe19-Thr281 is expressed with a 6His tag at the C-terminus.

Source Human Cells

Alternative name Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Lymphocyte

activation antigen CD30; CD30; Tnfrsf8

Accession No. Q60846

Predicted Molecular Weight 28.4kDa

AP Molecular Weight

**Veight** 55-65kDa, reducing conditions.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Quality Control Purity: Greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Shipping** The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Background CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family,

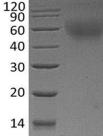
which regulates proliferation/apoptosis and antibody responses. CD30 is expressed by activated, but not by resting, T and B cells. Aberrant expression of CD30 by mastocytosis mast cells and interaction with its ligand CD30L (CD153) appears to play an important role in the pathogenesis and clinical presentation 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. Soluble CD30 retains the ability to

bind CD30 Ligand and functions as an inhibitor of normal CD30 signaling.

kDa MK R



**SDS-Page** 

