

Recombinant Human TNFRSF8 protein, mFc-tagged

Cat. No. TNFRSF8-908H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Tumor necrosis factor receptor superfamily member 8 is produced by our Mammalian expression system and the target gene encoding Phe19-Lys379 is expressed with a mFc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Phe19-Lys379
Description	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.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Molecular Mass	90-120kDa, reducing conditions.
Endotoxin	Less than 0.1 ng/g (1 EU/g) as determined by LAL test.

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Purity	Greater than 95% as determined by reducing SDS-PAGE.
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.
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 distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

Gene Name	TNFRSF8 TNF receptor superfamily member 8 [Homo sapiens (human)]
Official Symbol	TNFRSF8
Synonyms	Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Ki-1 antigen; Lymphocyte activation antigen CD30; CD30; TNFRSF8
Gene ID	943
mRNA Refseq	NM_001243.5
Protein Refseq	NP_001234.3
MIM	153243

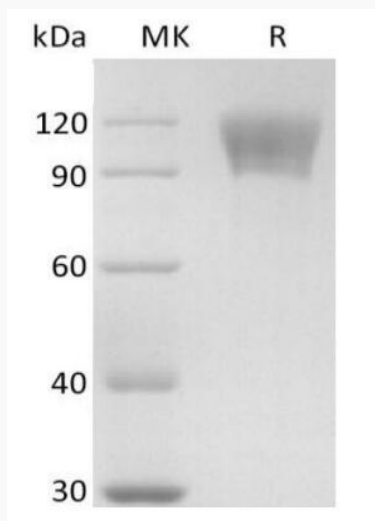
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UniProt ID **P28908**

SDS-PAGE of
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