

# Recombinant Human TNFRSF8 Protein, His\Avi-tagged

**Cat. No.** TNFRSF8-180H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Human Epithelial Cell Adhesion Molecule is produced by our Mammalian expression system and the target gene encoding Gln24-Lys265(Met115Thr) is expressed with a 6His, Avitag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Length</b>   | 24-265 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | Gln24-Lys265(Met115Thr)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 0.1 ng/ug (1 EU/ug).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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Shipping

Ambient

## 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; D1S166E |
| Gene ID         | 943                                                                                                                                  |
| mRNA Refseq     | NM_001243.5                                                                                                                          |
| Protein Refseq  | NP_001234.3                                                                                                                          |
| MIM             | 153243                                                                                                                               |
| UniProt ID      | P28908                                                                                                                               |

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