

## Product datasheet for **TP311276L**

### CD153 (TNFSF8) (NM\_001244) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human tumor necrosis factor (ligand) superfamily, member 8 (TNFSF8), 1 mg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC211276 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <p>MDPGLQQALNGMAPPGDTAMHVPAGSVASHLGTTSRSYFYLTATLALCLVFTVATIMVLVQRTDSIPN<br/>SPDNVPLKGGNCSEDLKILKRAPFKKSWAYLQVAKHLNKTKLSWKNKGILHGVRVYQDGNLVIQFPGLYF<br/>IICQLQLVQCPNNSVDLKELELLINKHIKKQALVTVCESGMQTKHVYQNLSQLLDYLVNTTISVNVDT<br/>FQYIDTSTFPLENVLSIFLYSNSD</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 25.8 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <u><a href="#">NP_001235</a></u>   |
| Locus ID:                             | 944  |



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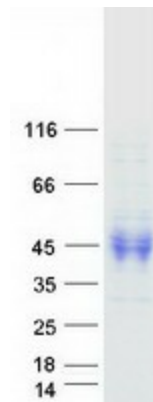
UniProt ID: [P32971, Q52M88](#)  
RefSeq Size: 3797  
Cytogenetics: 9q32-q33.1  
RefSeq ORF: 702  
Synonyms: CD30L; CD30LG; CD153; TNLG3A

**Summary:** The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction

### Product images:



Coomassie blue staining of purified TNFSF8 protein (Cat# [TP311276]). The protein was produced from HEK293T cells transfected with TNFSF8 cDNA clone (Cat# [RC211276]) using MegaTran 2.0 (Cat# [TT210002]).