

## Product datasheet for PH311276

### CD153 (TNFSF8) (NM\_001244) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TNFSF8 MS Standard C13 and N15-labeled recombinant protein (NP_001235)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211276
Predicted MW:	26 kDa
Protein Sequence:	>RC211276 protein sequence Red=Cloning site Green=Tags(s)  MDPGLQQALNGMAPPGDTAMHVPAGSVASHLGTTSRSYFYLTATLALCLVFTVATIMVLVVQRTDSIPN SPDNVPLKGGNCSEDLICILKRAPFKKSWAYLQVAKHLNKTCLSWNKDGILHGVRVYQDGNLVIQFPGLYF IICQLQFLVQCPNNSVDLKLELLINKHIKKQALVTVCESGMQTKHVYQNLSSQFLLDYLQVNTTISVNVDT FQYIDTSTFPLENVLSIFLYSNSD  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001235</a>
RefSeq Size:	3797
RefSeq ORF:	702
Synonyms:	CD30L; CD30LG; CD153; TNLG3A
Locus ID:	944
UniProt ID:	<a href="#">P32971</a> , <a href="#">Q52M88</a>



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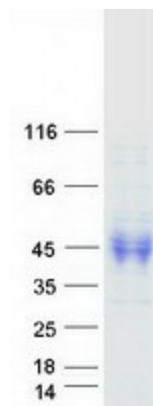
**Cytogenetics:** 9q32-q33.1

**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]).