

## Product datasheet for **AR31160PU-N**

### CD153 / CD30L Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CD153 / CD30L human recombinant protein, 50 µg
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	HHHHHHHPS PGGSGGQRTD SIPNSPDNVP LKGGNCSEDL LCILKR APFK KSWAYLQVAK HLNKTCLSWN KDGILHGVRV QDGNLVIQFP G LYFICQLQ FLVQCPNNSV DLKLELLINK HIKKQALVTV CESGMQT KHV YQNLSQFLLD YLQVNTTISV NVDTFQYIDT STFPLENVLS IF LYSNSD
Predicted MW:	21.3 kDa
Purity:	>98% by SDS-PAGE & HPLC analysis
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: PBS without stabilizers
Bioactivity:	Biological: Determined by its ability to stimulate human IL-8 production by human PBMC using a concentration range of 10.0-25.0 ng/ml. Note: Results may vary with PBMC donors.
Reconstitution Method:	Restore in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted into other aqueous buffers and stored at 4°C for one week or at -20°C for future use.
Preparation:	Lyophilized purified protein
Protein Description:	Recombinant Human soluble CD30L (sCD30L) is a 188 amino acid polypeptide corresponding to the extracellular domain, and contains an 8 residue N-terminal His-ag
Note:	Centrifuge vials before opening!
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u><a href="#">NP_001235</a></u>
Locus ID:	944


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<b>UniProt ID:</b>	<u>P32971</u> , <u>Q52M88</u>
<b>Cytogenetics:</b>	9q32-q33.1
<b>Synonyms:</b>	CD30L; CD30LG; CD153; TNLG3A
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction