

[Go to Product page](#)

Datasheet for ABIN7520580 TNFSF8 Protein (His tag)

Overview

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| Quantity: | 50 µg |
| Target: | TNFSF8 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TNFSF8 protein is labelled with His tag. |

Product Details

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| Purpose: | Recombinant Human TNFSF8/CD30L Protein |
| Sequence: | QRTDSIPNSP DNVPLKGGNC SEDLLCILKR APFKKSWAYL QVAKHLNKT LSWNKDGILH GVMRYQDGNLV IQFPGLYFII CQLQFLVQCP NNSVDLKLEL LINKHIKKQA LVTVCESGMQ TKHVYQNLSQ FLLDYLQVNT TISVNVDTFQ YIDTSTFPLE NVLSIFLYSN SD |
| Specificity: | Gln63-Asp234 |
| Purity: | > 92 % by SDS-PAGE. |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | < 0.1 EU/µg |

Target Details

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| Target: | TNFSF8 |
| Alternative Name: | TNFSF8/CD30L (TNFSF8 Products) |

Target Details

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| Background: | <p>Description: CD30 ligand (CD30L), also known as CD153 and TNFSF8, is a membrane-associated glycoprotein belonging to the TNF superfamily and TNFR superfamily, and is a specific ligand for CD30/TNFRSF8 originally described as a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. CD30L is a type-II membrane glycoprotein expressed on activated T cells, stimulated monocyte-macrophages, granulocytes, eosinophils, and some Burkitt-like lymphoma cell lines. CD30L is capable of transducing signals through CD30 on different CD30+ lymphoma cell lines, and mediates pleiotropic biologic effects including cell proliferation, activation, differentiation, as well as cell death by apoptosis. CD30-CD30 ligand interaction has been suggested to have a pathophysiologic role in malignant lymphomas, particularly Hodgkin disease, large cell anaplastic lymphomas and Burkitt lymphomas, and is also involved in activation and functioning of the T cell-dependent immune response. Thus, CD153 and its receptor CD30 are regarded as therapeutic targets in hematologic malignancies, autoimmune and inflammatory diseases.</p> <p>Name: CD153, CD30L, CD30LG, TNLG3A,TNFSF8</p> |
| Gene ID: | 944 |
| UniProt: | P32971 |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. |
| Concentration: | 0.63 mg/mL |
| Buffer: | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |