

CD30 Ligand/TNFSF8 Protein, Human (HEK293, N-His)

| | |
|-------------------|---|
| Cat. No.: | HY-P700434 |
| Synonyms: | Tumor necrosis factor ligand superfamily member 8; CD153; CD30L; CD30LG |
| Species: | Human |
| Source: | HEK293 |
| Accession: | P32971 (Q63-D234) |
| Gene ID: | 944 |
| Molecular Weight: | 21.8 kDa |

PROPERTIES

| | |
|---------------------|---|
| AA Sequence | <p>Q R T D S I P N S P D N V P L K G G N C S E D L L C I L K R A P F K K S W A Y L</p> <p>Q V A K H L N K T K L S W N K D G I L H G V R Y Q D G N L V I Q F P G L Y F I I</p> <p>C Q L Q F L V Q C P N N S V D L K L E L L I N K H I K K Q A L V T V C E S G M Q</p> <p>T K H V Y Q N L S Q F L L D Y L Q V N T T I S V N V D T F Q Y I D T S T F P L E</p> <p>N V L S I F L Y S N S D</p> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0 |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

| | |
|------------|--|
| Background | <p>CD30 Ligand/TNFSF8 protein, a cytokine, specifically binds to TNFRSF8/CD30, acting as a potent inducer of T-cell proliferation. Operating as a homotrimer, this ligand plays a crucial role in regulating the activation and growth of T-cells, contributing to the dynamic orchestration of immune responses. The interaction between CD30 Ligand and its receptor, TNFRSF8/CD30, highlights its significance as a molecular trigger for the robust expansion of T-cell populations.</p> |
|------------|--|

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA