
Product Data Sheet

Product Name: TNFRSF8 igG-His Human

Cat. No.: GP20999

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms Tumor Necrosis Factor Receptor Superfamily Member 8; Tumor Necrosis Factor Receptor Superfamily; Member 8; Lymphocyte Activation Antigen CD30; CD30L Receptor; Ki-1 Antigen; D1S166E; CD30; Cytokine Receptor CD30; CD30 Antigen; Ki-1.

Amino Acid Sequence

ADFPQDRPF EDTCHGNPSHYDKAVRRCC YRCPMGLFPT QQCPQRPTDC
 RKQCEPDYYL DEADRCTACV TCSRDDLVEK TPCAWNSSRV
 CECRPGMFCSTSAVNSCARC FFHSVCPAGM IVKFPGTAQK NTVCEPASPG
 VSPACASPEN CKEPSSGTIP QAKPTVSPATSSASTMPVR GGTRLAQEAA
 SKLTRAPDSP SSVGRPSSDP GLSPTQPCPE GSGDCRQKQCE
 PDYYLDEAGRCTACVSCSRD DLVEKTPCAW NSSRTCECRP GMICATSATN
 SCARCVYPI CAAETVTKPQ DMAEKDTTFEAPPLGTQPDC NPTPENGEAP
 ASTSPTQSLV VDSQASKTLP IPTSAPVALS STGKAAAFES
 RACSLEPKSCDKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT
 CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTYRVVSVLTVLH
 QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYV LPPSRDELTK
 NQVSLTCLVKGFPYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL
 TVDKSRWQQG NVFSCSV MHE ALHNHYTQKLSLSLSPGKHHH HHH.

Formulation TNFRSF8 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Introduction

Tumor necrosis factor receptor superfamily member 8 (TNFRSF8) is a receptor for TNFSF8/CD30L. TNFRSF8 has a role in the regulation of cellular growth and transformation of activated lymphoblasts. In addition, the TNFRSF8 protein regulates gene expression via activation of NF-kappa-B. TNFRSF8 being a regulator of apoptosis,

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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induces cell death or proliferation, depending on the cell type.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TNFRSF8 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 613 amino acids (19-379 a.a.) and having a molecular mass of 66.7kDa (Molecular size on SDS-PAGE will appear at approximately 25-100kDa). TNFRSF8 is expressed with a 252 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

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