
Product Data Sheet

Product Name: TNFRSF4 Mouse
 Cat. No.: GP26078
 Batch No.: 1

Product Data

Purity >98% Source HEK293 cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms Tumor necrosis factor receptor superfamily member 4, OX40 antigen, OX40L receptor, Txgp1, Tnfrsf4, tax-transcriptionally activated glycoprotein 1 receptor, TXGP1L, ACT35, Txgp, Ly-70, ACT3, OX4, CD134.

Amino Acid Sequence
 DGSMVTARRL NCVKHTYPSG HKCCRECQPG HGMVSRCDHT RDTLCHPCET
 GFYNEAVNYD TCKQCTQCNH RSGSELKQNC TPTQDTVCRG RSGTQPRQDS
 GYKLGVDCVP CPPGHFSPGN NQACKPWTNC TLSGKQTRHP ASDSLDAVCE
 DRLLATLLW ETQRPTFRPT TVQSTTVWPR TSELPSPPTL VTPEGPLPK
 SCDKTHTCPP CPAPELLGGPSVFLFPPPKP DTLMISRTPE VTCVVVDVSH
 EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV
 LHQDWLNGKEYKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL
 TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVLDSGSSFFLYS
 KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH

Formulation TNFRSF4 protein (0.25mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

Introduction

TNFRSF4, also known as TNF Receptor Superfamily Member 4, is a T cell co-stimulatory molecule which belongs to the TNF receptor superfamily. TNFRSF4 coordinates with other co-stimulatory substances such as CD28, CD40, CD30, CD27 and 4-1BB to control the activation of the immune response. TNFRSF4 takes a vital part in antigen-specific T cell expansion as well as survival. TNFRSF4 is up-regulated on CD4+ and CD8+ T cells upon engagement of the TCR by antigen presenting cells along with co-stimulation by CD40-CD40 Ligand and CD28-B7. In addition, TNFRSF4 regulates cytokine production from T cells, antigen presenting cells, natural killer cells and natural killer cells. TNFRSF4

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

Product Data Sheet

regulates cytokine receptor signaling.

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

TNFRSF4 Mouse Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 20-211) containing 435 amino acids and having a molecular mass of 48.6kDa. TNFRSF4 is fused to a 243 amino acid hIgG-His tag at C-terminus and purified by proprietary chromatographic techniques.

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