
Product Data Sheet

Product Name: RELT Human
 Cat. No.: GP20904
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RELT; TNF Receptor; Receptor Expressed In Lymphoid Tissues; Tumor Necrosis Factor Receptor Superfamily Member 19L; RELT Tumor Necrosis Factor Receptor; TNFRSF19L; Tumor Necrosis Factor Receptor Superfamily; Member 19-Like; TRLT.		
Amino Acid Sequence	STTLWQCPPG EEPDLDPGQG TLCRPCPPGT FSAAWGSSPC QPHARCSLWR RLEAQVGMATRDTLCGDCWP GWFGPWGVPR VPCQPCSWAPLGTHGCDEWG RRARRGVEVA AGASSGGETRQPGNGTRAGG PEETAAQVEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTPEVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDQWLNGKEYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDIAVEWESNGQP ENNYKTTTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH		
Formulation	RELT protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).		

Introduction

RELT is expressed in hematopoietic tissues and peripheral blood leukocytes and is a part of the tumor necrosis factor receptor superfamily. RELT mediates activation of NF-kappa-B and takes part in T-cell activation. Overexpression of RELT in HEK-293 cells induces p38 and JNK signalling and leads to apoptosis. It can also costimulate T-cell proliferation in the presence of CD3 signalling.

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%

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

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HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

RELT produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 376 amino acids (26-162a.a.) and having a molecular mass of 41.4kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). RELT is expressed with a 239 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

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