
Product Data Sheet

Product Name: RANK Human

Cat. No.: GP20890

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 11a;NFkB Activator; Loss Of Heterozygosity; 18; Chromosomal Region 1; OsteoclastDifferentiation Factor Receptor; Receptor Activator OfNF-KB; Paget Disease Of Bone 2; ODFR; RANK; Tumor Necrosis Factor ReceptorSuperfamily; Member 11a; Activator Of NFkB; Receptor Activator Of NuclearFactor-Kappa B; CD265 Antigen; LOH18CR1; TRANCER; CD265; OPTB7; OSTS; PDB2; FEO;OFE; Tumor necrosis factor receptor superfamily member 11A.

Amino Acid Sequence
ADPLQIAPPCTSEKHYEHLG RCCNKCEPGK YMSSKCTTTS DSVCLPCGPD
EYLDWNEED KCLLHKVCDT GKALVAVVAGNSTTPRRCAC TAGYHWSQDC
ECCRRNTECA PGLGAQHPLQ LNKDTVCKPC LAGYFSDAFS
STDKCRPWTNCTFLGKRVEH HGTEKSDAVC SSSLPARKPPNEPHVYLPLE
PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRTPEVTCVVVDV
SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG
KEYKCKVSNKALPAIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT
CLVKGFYPSD IAVEWESNGQPENNYKTTPP VLDSGDGSFFLYSKLTVDKSR
WQQGNVFSCS VMHEALHNHY TQKSLSLSPGKHHHHHHH.

Formulation RANK protein solution (1mg/ml) contains PhosphateBuffered Saline (pH 7.4) and 10% glycerol.

Introduction

RANK, is part of the tumor necrosis factor receptor family. RANK is widely expressed with uppermost levels in the skeletal muscle, thymus, liver, colon, small intestine, adrenal gland as well as dendritic cells. Furthermore, in activated human peripheral blood T lymphocytes, RANK expression is induced by IL4 and TGF- β .

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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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).

Background

RANK produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 427 amino acids (28-212a.a.) and having a molecular mass of 47.6kDa.

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