

32-6540: RANK Mouse

Alternative Name :

Tumor necrosis factor receptor superfamily member 11A, Osteoclast differentiation factor receptor, ODFR, Receptor activator of NF-KB, activator of NFKB, FEO, OFE, OSTs, PDB2, RANK, RANKLOH18CR1, CD265, CD265 antigen, OPTB7, TRANCER, LOH18CR1, receptor activator of nuclear factor-kappa B.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Tumor necrosis factor receptor superfamily member 11A or TNFRSF11A or RANK, is a protein, part of the tumor necrosis factor receptor (TNFR) group of proteins. RANK acts as the receptor of RANK-Ligand and regulates osteoclast activation & differentiation. RANK protein has been linked to activation of NF-kappa B & c-jun N-terminal kinase, enhancement of T cell growth, bone remodeling and repair, dendritic cell function, lymph node development, immune cell function, mammary gland development & thermal regulation.

RANK Mouse Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 426 amino acids (31-214 aa) and having a molecular mass of 47.5kDa. RANK is fused to a 242 amino acid IgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : RANK protein (1mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

Storage condition : 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.

Amino Acid : ADLVTPPCTQ ERHYEHLGRC CSRCEPGKYL SSKCTPTS DSVCLPCGPDEY LDTWNEEDKC LLHKVCDAGK ALVAVDPGNH TAPRRCACTA GYHWNSDCEC CRRNTECAPG FGAQHPLQLN KDTVCTPCLL GFFSDVFSST DKCKPWTNCT LLGKLEAHQG TTESDVVCS SMTLRRPPKE AQAYLPSLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDV S HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDNLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTCLVKGFYPSDI VEWESNGQP ENNYKTTTPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH