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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 Â & 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 hIgG-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 SSKCTPTSDS VCLPCGPDEY LDTWNEEDKC LLHKVCDAGK ALVAVDPGNH TAPRRCACTA GYHWNSDCEC CRRNTECAPG FGAQHPLQLN KDTVCTPCLL GFFSDVFSST DKCKPWTNCT LLGKLEAHQG TTESDVVCSS SMTLRRPPKE AQAYLPSLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI VEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH