9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RANK Mouse

RANK Mouse Recombinant
CYK0497

Product Overview

Name	RANK Mouse
Description	
RANK Mouse Recombinant	
Accession (Primary)	O35305
Synonyms	
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.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RANK protein (1mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADL VTPPCTQ ERHYEHLGRC CSRCEPGKYL SSKCTPTSDS VCLPCGPDEY LDTWNEEDKC LLHKVCDAGK ALVAVDPGNH TAPRRCACTA GYHWNSDCEC CRRNTECAPG FGAQHPLQLN KDTVCTPCLL GFFSDVFSST	

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DKCKPWTNCT LLGKLEAHQG TTESDVVCSS SMTLRRPPKE AQAYLPS LEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI VEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH

Precautions

RANK Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O35305)