

Recombinant Human TNFRSF11A Protein, His-tagged

Cat. No. TNFRSF11A-151H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TNF receptor superfamily member 11A(TNFRSF11A) protein, transcript variant 1(NM_003839), with a His tag, was expressed in human cells.

Species Human

Source Human Cells

Description The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.

Form Purified protein formulated in a sterile solution of TBS buffer, pH7.44, without any preservatives.

Molecular Mass 19.3 kDa

Endotoxin Endotoxin level is < 0.1 ng/g of protein (<1EU /g)

Purity >90% by SDS-PAGE gel and Coomassie Blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications Antigen, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name TNFRSF11A tumor necrosis factor receptor superfamily, member 11a, NFKB activator [Homo sapiens]

Official Symbol TNFRSF11A

Synonyms TNFRSF11A; tumor necrosis factor receptor superfamily, member 11a, NFKB activator; tumor necrosis factor receptor superfamily, member 11a, activator of NFKB; tumor necrosis factor receptor superfamily member 11A; CD265; RANK; receptor activator of NF-KB; osteoclast differentiation factor receptor; receptor activator of nuclear factor-kappa B; loss of heterozygosity, 18, chromosomal region 1; FEO; OFE; ODFR; OST5; PDB2; OPTB7; TRANCER; LOH18CR1;

Gene ID 8792

mRNA Refseq NM_003839

Protein Refseq NP_003830

MIM 603499

UniProt ID Q9Y6Q6

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