Recombinant Human TNFSF11 protein, His-Flag-tagged

Cat. No. TNFSF11-762H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RANKL Trimer Protein is expressed from mammalian with His Tag and Flag Tag at the N-terminal. It contains Leu160-Val313 trimer design.
Species	Human
Source	HEK293
ProteinLength	Leu160-Val313
Description	RANK L (receptor activator of NF-kappa B ligand), also called TRANCE (TNF-related activation-induced cytokines), OPGL (osteoprotegerin ligand), or ODF (osteoclast differentiation factor), is a 39-45 kDa type II transmembrane (TM) protein in the tumor necrosis factor family, designated TNFSF11.RANK L is cytokine that binds to TNFRSF11B/OPG and to TNFRSF11A/RANK. Osteoclast differentiation and activation factor. Augments the ability of dendritic cells to stimulate naive T-cell proliferation. May be an important regulator of interactions between T-cells and dendritic cells and may play a role in the regulation of the T-cell-dependent immune response.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 55.2KDa.
Endotoxin	Less than 1EU per ug by the LAL method.

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Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	TNFSF11 TNF superfamily member 11 [Homo sapiens (human)]
Official Symbol	TNFSF11
Synonyms	CD254 antigen; CD254; ODF; OPGL; OPGLOPTB2; Osteoclast differentiation factor; Osteoprotegerin ligand; RANK L; RANKL; RANKLreceptor activator of nuclear factor kappa B ligand; Receptor activator of nuclear factor kappa-B ligand; sOdf; TNF-related activation-induced cytokine; TNFSF11; TRANCE; TRANCEODFhRANKL2; tumor necrosis factor (ligand) superfamily, member 11; tumor necrosis factor ligand superfamily member 11
Gene ID	8600
mRNA Refseq	NM_003701.4
Protein Refseq	NP_003692.1
MIM	602642
UniProt ID	O14788

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