

## Recombinant Human TNFSF11 protein, His-Flag-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human RANKL Trimer Protein is expressed from mammalian with His Tag and Flag Tag at the N-terminal. It contains Leu160-Val313 trimer design.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu160-Val313
<b>Description</b>	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.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 55.2KDa.
<b>Endotoxin</b>	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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