# Receptor Activator Of Nuclear Factor Kappa B Ligand (RANkL) Recombinant Protein | RANkL recombinant protein

Recombinant Receptor Activator Of Nuclear Factor Kappa B Ligand (RANkL)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA152167** | **E Coli** | **Western Blot, SDS-Page** |

## PRODUCT SYNONYMS

Receptor Activator Of Nuclear Factor Kappa B Ligand (RANkL); Recombinant Receptor Activator Of Nuclear Factor Kappa B Ligand (RANkL); RANkL/Receptor Activator Of Nuclear Factor Kappa B Ligand; CD254; TNFSF11; ODF; OPGL; TRANCE; HRANKL2; SOdf; Tumor Necrosis Factor(ligand)superfamily Member 11; TNF-related activation-induced cytokine; RANkL recombinant protein

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | E Coli |
| **Purity/Purification** | Greater than 90% by SDS-PAGE |
| **Form/Format** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.<br>Freeze-dried powder |
| **Sequence** | Ser63~Ile2 47 |
| **Applicable Applications for RANkL recombinant protein** | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control |
| **Expression System** | Prokaryotic expression |
| **Species** | Human |
| **Isoelectric Point** | 7.7 |
| **Tag** | N-terminal His and GST Tag |
| **Endotoxin Level** | <1.0EU per 1ug (determined by the LAL method) |
| **Reconstitution** | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex. |
| **Subcellular Location** | Secreted |
| **Preparation and Storage** | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

## IMAGES

**SDS-PAGE**
SDS-PAGE

**Sequence**

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Product Categories/Family for RANkL recombinant protein** | Signal transduction; Metabolic pathway; Apoptosis; Tumor immunity; Bone metabolism; Prokaryotic Recombinant proteins/RP |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 4507595 |
| **NCBI GeneID** | 8600 |
| **NCBI Accession #** | NP_003692.1 |
| **NCBI GenBank Nucleotide #** | NM_003701.3 |
| **UniProt Accession #** | O14788; O14723; Q96Q17; Q9P2Q3 |
| **Molecular Weight** | 35,478 Da |
| **NCBI Official Full Name** | tumor necrosis factor ligand superfamily member 11 isoform 1 |
| **NCBI Official Synonym Full Names** | tumor necrosis factor (ligand) superfamily, member 11 |
| **NCBI Official Symbol** | TNFSF11 |
| **NCBI Official Synonym Symbols** | ODF; OPGL; sOdf; CD254; OPTB2; RANKL; TRANCE; hRANKL2 |
| **NCBI Protein Information** | tumor necrosis factor ligand superfamily member 11; osteoprotegerin ligand; osteoclast differentiation factor; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand; receptor activator of nuclear factor kappa-B ligan |
| **UniProt Protein Name** | Tumor necrosis factor ligand superfamily member 11 |
| **UniProt Gene Name** | **TNFSF11** |
| **UniProt Synonym Gene Names** | OPGL; RANKL; TRANCE; ODF; OPGL; RANKL; TRANCE |
| **UniProt Entry Name** | TNF11_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/tnfsf11-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152167