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
AAA150677	**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); 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	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ala73~Ile3 15
Applicable Applications for RANkL recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Mouse
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.1
Subcellular Location	Membrane, Secreted, Cytoplasm
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE
Figure. SDS-PAGE

Gene Sequence
Figure. Gene Sequencing (extract

Sequence

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	114842415
NCBI GeneID	21943
NCBI Accession #	NP_035743.2
NCBI GenBank Nucleotide #	NM_011613.3
UniProt Accession #	O35235; O35306; Q3TWY5; Q9JJK8; Q9JJK9; Q9R1Y0
Molecular Weight	35,003 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 11
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 11
NCBI Official Symbol	Tnfsf11
NCBI Official Synonym Symbols	ODF; OPG; OPGL; RANKL; Ly109l; Trance
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11; OPG ligand; osteoprotegerin ligand; osteoclast differentiation factor; receptor activator of NF-kappaB ligand; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand
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_MOUSE

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/150677