

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

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

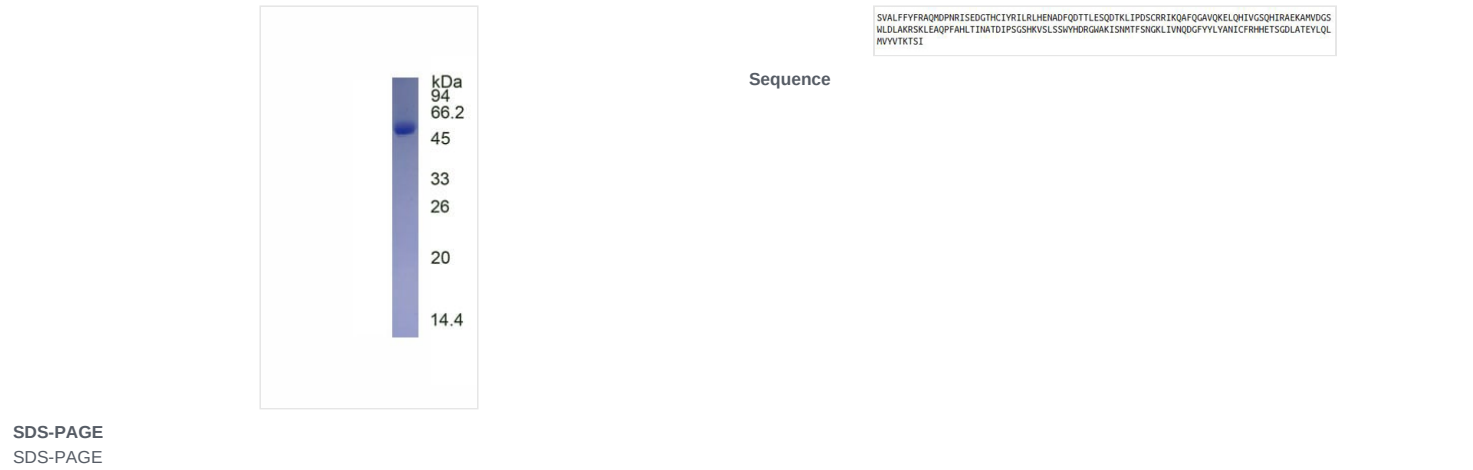
CATALOG # AAA152167	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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. 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 Stable for 12 months if correctly stored.



ADDITIONAL INFORMATION

Product Categories/Family for RANKL recombinant protein	Signal transduction; Metabolic pathway; Apoptosis; Tumor immunity; Bone metabolism; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

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 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_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.