

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

Recombinant Receptor Activator Of Nuclear Factor Kappa B (RANK)

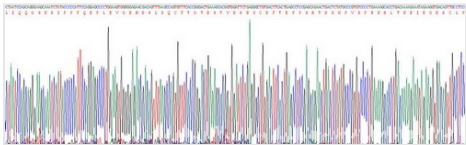
CATALOG # AAA135481	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

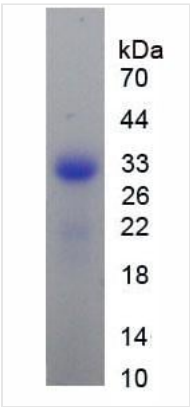
Receptor Activator Of Nuclear Factor Kappa B (RANK); Recombinant Receptor Activator Of Nuclear Factor Kappa B (RANK); RANK recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itssequen ceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-LI QQGSKSIPPF QEPLVGEND SLSQCFTGTE STVDSEGCDF TEPPSRTDSM PVSPEKHLTK EIEGDSCLPW VVSSNSTDGY TGSGNTPGED HEPFPGSLKC GPLPQCAYSM GFPSEAAASM AEAGVRPQDR ADERGASGSG SSPSDQPPAS GNVGTGNSNST FISSGQVMNF KGDIIVVYVS QT
Sequence Length	625
Applicable Applications for RANK recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Leu359~Thr542 (Accession # O35305) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Membrane; Single-pass type I membrane protein
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	4.8
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

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LI  QGSKSIPPF  QEPLVGEN  SLSCFTGT  STVSEGCDF
TEPPSRD  SM  PVSPEKHLTK  EIEGDSCLPW  VVSSNSTDGY  TGSNTPGED
HEPFPGLK  C  GPLPQCAYSM  GFPSEAAASM  AEAGVRPQDR  ADERGASGSG
SSPSDQPPAS  GNV  TGN  SNST  FISSGQVMNF  KGDIIVVVVS  QT
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	110350009
NCBI GeneID	21934
NCBI Accession #	NP_033425.3
NCBI GenBank Nucleotide #	NM_009399.3
UniProt Accession #	O35305; Q8VCT7
Molecular Weight	30.0kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 11A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 11a
NCBI Official Symbol	Tnfrsf11a
NCBI Official Synonym Symbols	OFE; ODFR; Rank; Ly109; mRANK; TRANCE-R
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11A; receptor activator of NF-KB; receptor activator of NF-kappaB; osteoclast differentiation factor receptor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11A
UniProt Gene Name	Tnfrsf11a
UniProt Synonym Gene Names	Rank; ODFR
UniProt Entry Name	TNR11_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.