Recombinant Human TNFRSF11A/RANK/CD265 Protein

Catalog No.: RP00458

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Sequence Information

Species
Human

Gene ID
8792

Swiss Prot
Q9Y6Q6

Tags
C-His

Synonyms
TNFRSF11A,CD265,FEO, LOH18CR1,ODFR,OFE,OPTB7, OSTS,PDB2,RANK,TRANCER

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
26.3 kDa

Observed MW
35-50 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

This protein is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.

Basic Information

Description
Recombinant Human TNFRSF11A/RANK/CD265 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ile30-Pro212) of human TNFRSF11A/RANK/CD265 (Accession #Q9Y6Q6) fused with a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

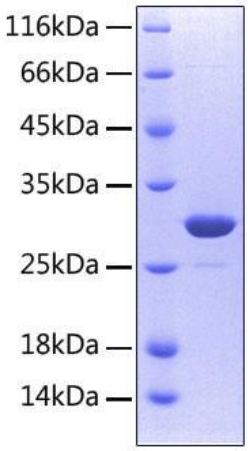
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human TNFRSF11A/RANK/CD265 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.