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Datasheet for ABIN7318977
TNFRSF11A Protein (His tag)

Overview

Quantity:	50 µg
Target:	TNFRSF11A
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF11A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human RANK/TNFRSF11A Protein (His Tag)
Sequence:	Ile30-Pro212
Characteristics:	Recombinant Human Receptor Activator of NF-kappa-B is produced by our Mammalian expression system and the target gene encoding Ile30-Pro212 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TNFRSF11A
Alternative Name:	RANK/TNFRSF11A (TNFRSF11A Products)
Background:	Background: Receptor Activator of Nuclear Factor κ B (RANK), also known as CD265, TRANCE Receptor or TNFRSF11A, is member of the tumor necrosis factor receptor (TNFR) molecular

Target Details

superfamily. RANK is the receptor for RANK-Ligand (RANKL) and part of the RANK/RANKL/OPG signaling pathway that regulates osteoclast differentiation and activation. It plays a vital role in bone remodeling and repair, immune cell function, lymph node development, thermal regulation, and mammary gland development. RANK is constitutively expressed in skeletal muscle, thymus, liver, colon, small intestine, adrenal gland, osteoclast, mammary gland epithelial cells, prostate, vascular cell, and pancreas.

Synonym: CD265, ODFR, TNFRSF11A, TRANCE R, CD265, CD265 antigen, FEO, ODFROSTS, OFE, OPTB7, PDB2, RANK1, Receptor activator of NF-KB, receptor activator of nuclear factor-kappa B, TRANCER, tumor necrosis factor receptor superfamily member 11A

Molecular Weight: 21.1 kDa

UniProt: [Q9Y6Q6](#)

Pathways: [NF-kappaB Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.