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Datasheet for ABIN1344162

TNFRSF11A Protein (AA 31-214) (Fc Tag)

Overview

Quantity:	50 µg
Target:	TNFRSF11A
Protein Characteristics:	AA 31-214
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF11A protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Specificity:	Binds to mouse and human RANKL.
Cross-Reactivity:	Human, Mouse (Murine)
Characteristics:	Mouse RANK (aa 31-214) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	TNFRSF11A
Alternative Name:	RANK (TNFRSF11A Products)

Target Details

Background:	RANK (TRANCE-R, CD265) is the receptor for RANKL/TRANCE/OPGL. It is essential for RANKL-mediated osteoclastogenesis and is involved in the regulation of interactions between T cells and dendritic cells.
Molecular Weight:	~55kDa (SDS-PAGE)
UniProt:	O35305
Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Inhibits mouse and human RANKL biological functions.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile water.
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months