

Recombinant Mouse Tnfrsf11a Protein (Val31-Ser214), C-His tagged

Cat. No. Tnfrsf11a-6785M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Tnfrsf11a (Val31-Ser214) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Val31-Ser214
Description	Enables tumor necrosis factor-activated receptor activity. Involved in several processes, including circadian temperature homeostasis; positive regulation of fever generation by positive regulation of prostaglandin secretion; and tumor necrosis factor-mediated signaling pathway. Acts upstream of or within several processes, including hematopoietic or lymphoid organ development; mammary gland alveolus development; and positive regulation of bone resorption. Located in cell surface. Is expressed in bladder and lymphatic system. Human ortholog (s) of this gene implicated in Paget's disease of bone; autosomal recessive osteopetrosis 7; bone development disease; familial expansile osteolysis; and osteoporosis. Orthologous to human TNFRSF11A (TNF receptor superfamily member 11a).
Form	Lyophilized powder/frozen liquid
Molecular Mass	20.24 kDa

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Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Tnfrsf11a tumor necrosis factor receptor superfamily, member 11a, NFkB activator [Mus musculus (house mouse)]
Official Symbol	Tnfrsf11a
Synonyms	Tnfrsf11a; tumor necrosis factor receptor superfamily, member 11a, NFkB activator; OFE; ODFR; Rank; Ly109; mRANK; TRANCE-R; tumor necrosis factor receptor superfamily member 11A; Names; osteoclast differentiation factor receptor; receptor activator of NF-KB; receptor activator of NF-kappaB
Gene ID	21934
mRNA Refseq	NM_009399
Protein Refseq	NP_033425

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UniProt ID

O35305

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