Recombinant Mouse Tnfsf11 Protein (Ala73-Asp316), C-His tagged

Cat. No. Tnfsf11-6784M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Tnfsf11 (Ala73-Asp316) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala73-Asp316
Description	Enables identical protein binding activity and tumor necrosis factor receptor superfamily binding activity. Involved in several processes, including intracellular signal transduction; positive regulation of secretion by cell; and tumor necrosis factor-mediated signaling pathway. Acts upstream of or within several processes, including animal organ development; cellular response to cytokine stimulus; and positive regulation of intracellular signal transduction. Predicted to be located in cytoplasm; extracellular space; and plasma membrane. Predicted to be integral component of membrane. Is expressed in genitourinary system; hemolymphoid system; hindlimb long bone; and lymphatic system. Used to study autosomal recessive osteopetrosis 2 and osteoporosis. Human ortholog (s) of this gene implicated in autosomal recessive osteopetrosis 2 and osteoporosis. Orthologous to human TNFSF11 (TNF superfamily member 11).
Form	Lyophilized powder/frozen liquid

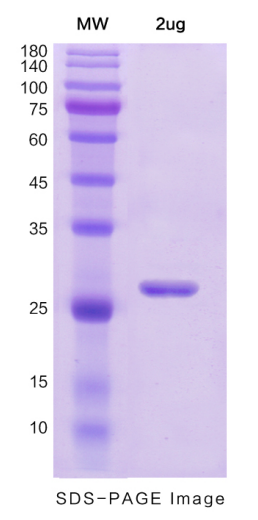
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Molecular Mass	26.84 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve 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	Tnfsf11 tumor necrosis factor (ligand) superfamily, member 11 [Mus musculus (house mouse)]
Official Symbol	Tnfsf11
Synonyms	TNFSF11; tumor necrosis factor (ligand) superfamily, member 11; tumor necrosis factor ligand superfamily member 11; CD254; ODF; OPGL; RANKL; TRANCE; osteoprotegerin ligand; osteoclast differentiation factor; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand; receptor activator of nuclear factor kappa-B ligand; sOdf; OPTB2; hRANKL2;
Gene ID	21943

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mRNA Refseq	NM_011613
Protein Refseq	NP_035743
UniProt ID	O35235
SDS-PAGE	

SDS-PAGE Image

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