Recombinant Mouse TNFSF11 Protein

Cat. No. TNFSF11-683M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFSF11 Protein is produced by E.coli expression system.
Species	Mouse
Source	E.coli
ProteinLength	158-316 aa
Description	TRANCE, also known as tumor necrosis factor ligand superfamily member 11, is a member of the tumor necrosis factor (TNF) cytokine family which is a ligand for osteoprotegerin and functions as a key factor for osteoclast differentiation and activation. TRANCE also has a function in the immune system, where it is expressed by T helper cells and is thought to be involved in dendritic cell maturation. TRANCE is important in bone metabolism. This natural and necessary surface-bound molecule (also known as CD254) found on osteoblasts serves to activate osteoclasts, which are the cells involved in bone resorption. Recombinant Mouse TRANCE protein was expressed in E.coli and purified by using conventional chromatography.
Form	Liquid. In Tris-Hcl buffer(pH 8.5) containing 0.1 M NaCl.
Molecular Mass	17.9 kDa
AA Sequence	MKPEAQPFAH LTINAASIPS GSHKVTLSSW YHDRGWAKIS NMTLSNGKLR VNQDGFYYLY ANICFRHHET SGSVPTDYLQ LMVYVVKTSI KIPSSHNLMK GGSTKNWSGN SEFHFYSINV GGFFKLRAGE EISIQVSNPS LLDPDQDATY

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	FGAFKVQDID
Endotoxin	< 1.0 EU per 1 ug of protein (determined by LAL method)
Purity	> 90 % by SDS - PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	Tnfsf11 tumor necrosis factor (ligand) superfamily, member 11 [Mus musculus]
Official Symbol	TNFSF11
Synonyms	Tumor necrosis factor ligand superfamily member 11; Ly109l; ODF; OPGL;
Gene ID	21943
mRNA Refseq	NM_011613
Protein Refseq	NP_035743
UniProt ID	O35235

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA