

Tnfrsf11b, 22-401aa, Mouse, His tag, Baculovirus

Cat.NO.: TP04244

3th Edition

Synonyms:Tumor necrosis factor receptor superfamily member 11B, Tnfrsf11b, OCIF, Opg, TR1

Description:Tnfrsf11b, also known as tumor necrosis factor receptor superfamily member 11B, is a member of the tumor necrosis factor receptor TNFR superfamily. It inhibits the activation of osteoclasts and promotes osteoclast apoptosis in vitro. Also It plays a role in preventing arterial calcification. Recombinant mouse Tnfrsf11B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:44.4kDa (388aa), 40-57kDa (SDS-PAGE under reducing conditions)

Sequences:

ETLPPKYLHYDPETGHQLLCDKCAPGTYLKQHCTVRRKTLCVPCPDHSYTDSWHTSDECVYCSPVCKELQSVKQE
CNRTHNRVCECEEGRYLEIEFCLKHRSCPPGSGVVQAGTPERNVCKKCPDGGFFSGETSSKAPCIKHTNCSTFGLL
LIQKGNATHDNVCSGNREATQKCGIDVTLCEEAFFRFAVPTKIIPNWLSVLVDSLPGTKVNAESVERIKRRHSSQEQ
TFQLLKLWKHQNRDQEMVKKIQQDIDLCESSVQRHLGHSNLTTEQLLALMESLPGKKISPEEIERTRKTCKSSEQLLK
LLSLWRIKNGDQDTLKGLMYALKHLKTSHPKTVTHSLRKTMRFLHSFTMYRLYQKLFLEMIGNVQVSVKISCLLEH
HHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.