

**AR52077PU-N****Mouse Osteoprotegerin / TNFRSF11B (22-401, His-tag) - Purified****Alternate names:**

OCIF, OPG, Osteoclastogenesis inhibitory factor, Tumor necrosis factor receptor superfamily member 11B

**Quantity:**

0.25 mg

**Concentration:**

0.25 mg/ml (determined by absorbance at 280nm)

**Background:**

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.

**Uniprot ID:**[O08712](#)**NCBI:**[NP\\_032790](#)**Species:**

Mouse

**Format:****State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.**Endotoxin Level:** < 1.0 EU per 1 microgram of protein (determined by LAL method)**Description:****AA Sequence:**

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ETLPPKYLHY DPETGHQLLC DKCAPGTYLK QHCTVRRKTL CVPCPDHSYT DSWHTSDECV  
YCSPVCKELQ SVKQECNRTH NRVCECEEGR YLEIEFCLKH RSCPPGSGVV QAGTPERNTV  
CKKCPDGFFS GETSSKAPCI KHTNCSTFGL LLIQKGNATH DNVCSGNREA TQKCGIDVTL  
CEEAFFRFAV PTKIIPNWLS VLVDSLPGTK VNAESVERIK RRHSSQEQTF QLLKLWKHQN  
RDQEMVKKII QDIDLCESSV QRHLGHSNLT TEQLLALMES LPGKKISPEE IERTRKTCKS  
SEQLLKLLSL WRIKNGDQDT LKGLMYALKH LKTSHPKTV THSLRKTMRF LHSFTMYRLY  
QKLFLEMIGN QVQSVKISCL LEHHHHHH
```

**Molecular weight:** 44.4 kDa (388aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

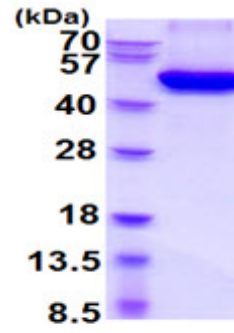
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Min H., et al. (2000) J Exp Med. 192:463-474. Simonet WS., et al. (1997) Cell. 89:309-319.

Pictures:



15% SDS-PAGE (3ug)