

## Recombinant Human TNFRSF11B Protein

Catalog #	Source	Reactivity	Applications
CRP2410	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human TNFRSF11B Protein is produced by our mammalian expression system and the target gene encoding Glu22-Leu401 is expressed with a 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Gene Symbol** TNFRSF11B

**Alternative Names** OCIF; OPG; Tumor necrosis factor receptor superfamily member 11B; Osteoclastogenesis inhibitory factor; Osteoprotegerin

**Entrez Gene** 4982 (Human)

**SwissProt** O00300 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** ETFPPKYLHY DEETSHQLLC DKCPPGTYLK QHCTAKWKTV CAPCPDHYTT DSWHTSDECL YCSPVCKELQ YVKQECNRTH NRVCECKEGR YLEIEFCLKH RSCPPGFGVV QAGTPERNVT CKRCPDGGFFS NETSSKAPCR KHTNCSVFGL LLTQKGNATH DNICSGNSESTQKCGIDVTL CEEAFFRFAV PTKFTPNWLS VLVDNLPGTK VNAESVERIK RQHSSQEQTFLQLKLWKHQNKDQDIVKKII QDIDLCEMSV QRHIGHANLT FEQLRSLMES LPGKKVGAED IEKTIKACKP SDQILKLLSL WRIKNGDQDT LKGLMHALKH SKTYHFPKTV TQSLKKTIRFLHSFTMYKLY QKLFLEMIGN QVQSVKISCL VDHSHHHH

**Quality Control** Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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