

# Product Datasheet

## Recombinant Human Osteoprotegerin/TNFRSF11B Protein NBP2-35108-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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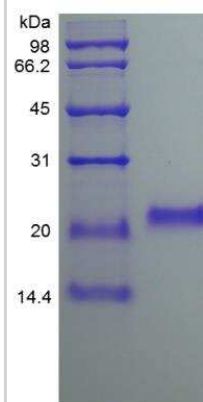
**NBP2-35108-10ug****Recombinant Human Osteoprotegerin/TNFRSF11B Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	>95%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, 150 mM NaCl, pH 6.0.
<b>Target Molecular Weight</b>	19.7 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 173 amino acids corresponding to Osteoprotegerin/TNFRSF11B <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> O00300</p> <p><b>Amino Acid Sequence:</b> ETFPKYLHY DEETSHQLLC DKCPPGTYLK QHCTAKWKTV CAPCPDHYT DSWHTSDECL YCSPVCKELQ YVKQECNRTH NRVCECKEGR YLEIEFCLKH RSCPPGFGVV QAGTPERNVT CKRCPDGGFFS NETSSKAPCR KHTNCSVFGL LLTQKGNATH DNICSGNSES TQK</p>
<b>Gene ID</b>	4982
<b>Gene Symbol</b>	TNFRSF11B
<b>Species</b>	Human
<b>Details of Functionality</b>	Osteoprotegerin Protein is fully biologically active when compared to standard. The ED50 as determined by neutralizing the stimulation of U937 cells is less than 10 ng/ml, corresponding to a specific activity of $> 1.0 \times 10^5$ IU/mg in the presence of 10 ng/mL soluble rHuRANKL (sRANKL).
<b>Endotoxin Note</b>	Less than 1 EU/ug of Osteoprotegerin/TNFRSF11B as determined by LAL method.
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity



## Images

SDS-Page: Human Osteoprotegerin/TNFRSF11B Protein [NBP2-35108]





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### **Products Related to NBP2-35108-10ug**

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NBP2-61323-10ug	Recombinant Human Osteoprotegerin/TNFRSF11B Fc fusion Protein
210-TA-005	TNF-alpha [Unconjugated]
DY805	Osteoprotegerin/TNFRSF11B [Biotin]
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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