

# Product Datasheet

## Recombinant Human Osteoprotegerin/TNFRSF11B Fc fusion Protein NBP2-61323-10ug

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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**NBP2-61323-10ug****Recombinant Human Osteoprotegerin/TNFRSF11B Fc fusion 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, pH 6.0, 150 mM NaCl, 0.02 % Tween-80.
<b>Target Molecular Weight</b>	109.6 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A disulfide-linked homodimeric protein containing two 412 amino acid chains corresponding to Osteoprotegerin/TNFRSF11B <b>Source:</b> Yeast</p> <p><b>Amino Acid Sequence:</b> <i>ETFPPKYLHY DEETSHQLLC DKCPPGTYLK QHCTAKWKTV CAPCPDHYYT DSWHTSDECL YCSPVCKELQ YVKQECNRTH NRVCECKEGR YLEIEFCLKH RSCPPGFGVV QAGTPERNVT CKRCPDGGFFS NETSSKAPCR KHTNCSVFLG LLTQKGNATH DNICSGNSES TQKCGIDVTL EPKSSDKTHT CPPCPAPEFE GAPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPTPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSDGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GK</i></p>
<b>Gene ID</b>	4982
<b>Gene Symbol</b>	TNFRSF11B
<b>Species</b>	Human
<b>Details of Functionality</b>	Osteoprotegerin/TNFRSF11B 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 x 10 <sup>5</sup> 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>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity





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### **Products Related to NBP2-61323-10ug**

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NBP2-35108-10ug	Recombinant Human Osteoprotegerin/TNFRSF11B 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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