

# Product Datasheet

## Recombinant Human CD40 Ligand/TNFSF5 Protein NBP2-35244-10ug

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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**NBP2-35244-10ug****Recombinant Human CD40 Ligand/TNFSF5 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 0.1-0.3mg/mL.
<b>Purity</b>	>95%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.0.
<b>Target Molecular Weight</b>	16.3 kDa

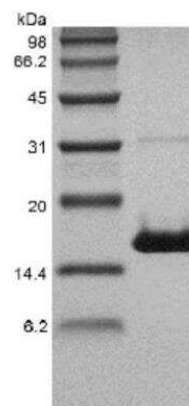
<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 149 amino acids corresponding to CD40 Ligand/TNFSF5 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P29965</p> <p><b>Amino Acid Sequence:</b> MQKGDQNPQI AAHVISEASS KTTSVLQWAE KGYYTMSNNL VTLENGKQLT VKRQGLYYIY AQVTFCNRE ASSQAPFIAS LWLKSPGRFE RILLRAANTH SSAKPCGQQS IHLGGVFELQ PGASVFNVT DPSQVSHGTG FTSFGLLKL</p>
<b>Gene ID</b>	959
<b>Gene Symbol</b>	CD40LG
<b>Species</b>	Human
<b>Details of Functionality</b>	Fully biologically active when compared to standard. The ED50 as determined by the dose-dependent stimulation of IL-8 production by human PBMC is less than 5-10 ng/ml.
<b>Endotoxin Note</b>	Less than 1 EU/ug of CD40 Ligand/TNFSF5 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: Recombinant Human CD40 Ligand/TNFSF5 Protein [NBP2-35244]





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### **Products Related to NBP2-35244-10ug**

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NBP1-91770PEP	CD40 Ligand/TNFSF5 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
DCDL40	CD40 Ligand/TNFSF5 [HRP]
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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