

# Product Datasheet

## Recombinant Human Serum Amyloid A1 Protein NBP2-61366-100ug

Unit Size: 100 ug

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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Updated 4/20/2025 v.20.1

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**NBP2-61366-100ug****Recombinant Human Serum Amyloid A1 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<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>	>98%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM Tris-HCl, pH 9.0, 150 mM NaCl.
<b>Target Molecular Weight</b>	11.7 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 104 amino acids corresponding to Recombinant Human Apolipoprotein-Serum Amyloid A</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> <i>P0DJ18</i></p> <p><b>Amino Acid Sequence:</b> <i>RSFFSFLGEA FDGARDMWRA YSDMREANYI GSDKYFHARG NYDAAKRGPG GVWAAEAISN ARENIQRFFG RGAEDSLADQ AANEWGRSGK DPNHFRPAGL PEKY</i></p>
<b>Gene ID</b>	6288
<b>Gene Symbol</b>	SAA1
<b>Species</b>	Human
<b>Details of Functionality</b>	Fully biologically active when compared to standard. The biological activity determined by its ability to down-regulate lipid biosynthesis in aortic smooth muscle cells. The effective concentration was found to be 4 uM.



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### **Products Related to NBP2-61366-100ug**

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NBP2-34875-10ug	Recombinant Human Serum Amyloid A1 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY3019-05	Serum Amyloid A1 [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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