

## Active Recombinant Mouse Angptl3 Protein, N-HA-tagged

Cat. No. Angptl3-174M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Angiopoietin-like Protein 3 (Ser17-Thr455) with a Hemagglutinin Tag (YPYDVPDYA) at N-terminus was expressed in Mouse myeloma cell line.
<b>Species</b>	Mouse
<b>Source</b>	NS0
<b>ProteinLength</b>	17-455 a.a.
<b>Description</b>	This gene encodes a member of the angiopoietin-like family of proteins. The encoded preproprotein is proteolytically processed to generate multiple protein products, which may inhibit triglyceride metabolism. Homozygous knockout mice for this gene exhibit reduced plasma lipid concentrations, including reduced plasma triglyceride concentrations, and enhanced activity of enzymes involved in triglyceride metabolism.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
<b>Molecular Mass</b>	Predicted Molecular Mass: 52 kDa SDS-PAGE: 59-71 kDa and 33-38 kDa, reducing conditions
<b>N-terminal Sequence Analysis</b>	Tyr

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Endotoxin</b>	<0.10 EU/μg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
<b>Storage</b>	12 months from date of receipt, ≤ -20 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, ≤ -20 centigrade under sterile conditions after reconstitution.
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered solution in PBS, NaCl and CHAPS with Trehalose.
<b>Reconstitution</b>	Reconstitute at 400 μg/mL in water.
<b>Shipping</b>	The product is shipped with polar packs.

## GENE INFORMATION

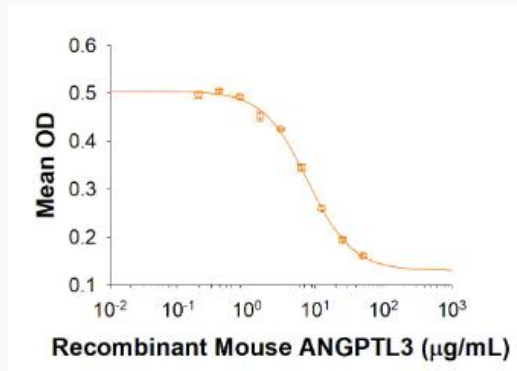
<b>Gene Name</b>	<a href="#">Angptl3 angiopoietin-like 3 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Angptl3</a>
<b>Synonyms</b>	Angptl3; angiopoietin-like 3; hyp1; angiopoietin-related protein 3; angiopoietin-like protein 3
<b>Gene ID</b>	<a href="#">30924</a>
<b>mRNA Refseq</b>	<a href="#">NM_013913</a>
<b>Protein Refseq</b>	<a href="#">NP_038941</a>
<b>UniProt ID</b>	<a href="#">Q9R182</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

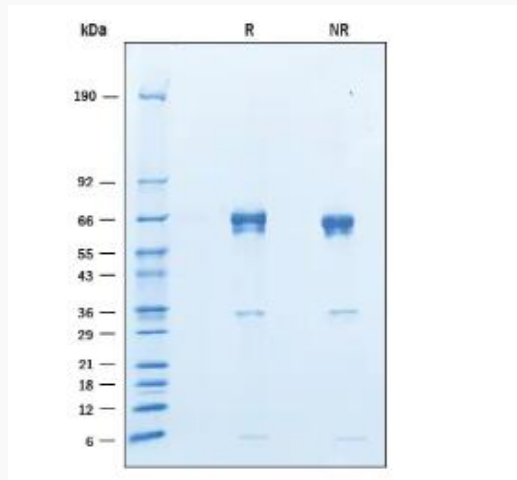
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Bioactivity**



Recombinant Mouse ANGPTL3 dose dependently inhibits Recombinant Human LPL activity with an IC50 of 2-10 µg/mL.

**SDS-PAGE**



2 µg/lane of Recombinant Mouse Angiopoietin-like Protein 3 was resolved with SDS-PAGE under reducing (R) and non-reducing (NR) conditions and visualized by Coomassie Blue staining, showing bands at 59-71 kDa and 33-38 kDa.

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA