

Recombinant Mouse Angiopoietin-like 1

Cat. No. Angptl1-1704M Lot. No. (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	Angiopoietins 3 (Ang-3) is a secretory protein and a ligands of Tie-2 receptor tyrosine kinase. Ang3 is most abundant in adrenal gland, placenta, thyroid gland, heart and small intestine. It inhibits endothelial cell proliferation and survival and blocks Ang-1.
Molecular Weight	The predicted molecular weight of Recombinant Mouse ANG-3 is Mr 58 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 85-90 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

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Gene Name	Angptl1 angiopoietin-like 1 [Mus musculus]
Synonyms	Angptl1; angiopoietin-like 1; ANG3; ANGY; ARP1; ANGPT3; MGC100363; 2810039D03Rik; OTTMUSP00000025817; ANG-3
Gene ID	72713
mRNA Refseq	NM_028333
Protein Refseq	NP_082609
UniProt ID	Q640P2
Chromosome Location	1 H1
Function	receptor binding

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