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## Product Data Sheet

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Product Name: ANGPTL7 Mouse  
 Cat. No.: GP20044  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9,Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Angiotensin-converting enzyme 2; Angiotensin-converting enzyme 2-like protein 2.		
Amino Acid Sequence	QKPHKRKTQL KAAGCCEEMR ELKAQVANLS SLLGELSRKQ ESDWVSVVMQVMELESSKH MESRLSTAES KYSEMNNQID IMQLQAAQTV TQTSADAIYD CSSLYQKNYR ISGVYKLPDEFGLSPELEV FCDMETS GGG WTIIQRRKSG LVSYFYQDWRQ YKQGFSGIRG DFWLGNEHIH RLTRQPSRLRVELEDWEGNA RYAEYSYFAL GNELNSYRLF LGNYSGNVVGK DALLYHNNTV FSTKDKDNDN CLDKCAQLRKG GYWYNCCTD SNLNGVYYRL GEHRKHMDGI SWYGWHGANY SLKRVEMKIR PEA FKPLEHH HHHH.		
Formulation	ANGPTL7 protein solution (0.25mg/ml) contains PhosphateBuffered Saline (pH 7.4) and 10% glycerol.		

### Introduction

Angiotensin-converting enzyme 2 (ANGPTL7), belongs to the angiotensin-converting enzyme-like family of molecules. ANGPTL7 is expressed in the corneal stroma, trabecular meshwork, and sclera. ANGPTL7 production is up-regulated in trabecular meshwork cells by glucocorticoids and TGF-Beta and in cartilage by TNF-alpha.

### Stability

Store at 4°C if entire vial will be used within 2-4weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

ANGPTL7 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 324 amino acids (22-337 a.a.) and having a molecular mass of 37.5kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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