

Serpin A7 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P73656
Synonyms:	Thyroxine-Binding Globulin; Serpin A7; T4-Binding Globulin; SERPINA7; TBG
Species:	Mouse
Source:	HEK293
Accession:	NP_808588.3 (A29-Q426)
Gene ID:	331535
Molecular Weight:	Approximately 60-70 kDa

PROPERTIES

AA Sequence	<div> <div>A P H N S S E G K V</div> <div>S V E N P D L N I F</div> <div>F N L T D T P V T E</div> <div>Q Q L K P L A K F L</div> <div>E K Q T K G K I V G</div> <div>K T E E S S N F S V</div> <div>Q M D Y S E N A L A</div> <div>K G W V E L F V P K</div> <div>I T E D S G L K L S</div> <div>V P P L H P V I R L</div> </div> <div> <div>T T C H L P Q Q N A</div> <div>F S P V S I S V A L</div> <div>L Q Q G F Q H L I C</div> <div>D D V K T L Y E T E</div> <div>L I Q G L K L N I I</div> <div>D K S T T V Q V P M</div> <div>L F V L P K E G H M</div> <div>F S I S A T Y D L G</div> <div>Y A F H K A V L H I</div> <div>D R A F L L M I L E</div> </div> <div> <div>T L Y K M P S I N A</div> <div>A M L S F G S G S S</div> <div>S L N F P K N E L E</div> <div>V F S T D F S N V S</div> <div>M I L V N Y I H F R</div> <div>M H Q L E Q Y Y H Y</div> <div>E W V E A A M S S K</div> <div>S T L Q K M G M R D</div> <div>G E E G T K E G A S</div> <div>K R T R S V L F L G</div> </div> <div> <div>D F A F S L Y R R L</div> <div>T Q T Q I L E V L G</div> <div>L Q M G N A V F I G</div> <div>A A Q H K I N S Y V</div> <div>A Q W A N P F R V S</div> <div>V D M E L N C T V L</div> <div>T L K K W N Y L L Q</div> <div>A F A E S A D F P G</div> <div>P E V G S L D Q Q E</div> <div>K L V N P T K Q</div> </div>
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DESCRIPTION

Background

The Serpin A7 protein is predicted to possess hormone binding activity as well as serine-type endopeptidase inhibitor activity. It is believed to be involved in various processes, including the negative regulation of endopeptidase activity, response to vitamin A, and thyroid hormone transport. This protein is predicted to be located in the extracellular region and active in the extracellular space. It is orthologous to human SERPINA7 (serpin family A member 7). In terms of expression, it shows biased expression in liver E18, liver E14.5, and two other tissues.

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

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