

Galectin-9/LGALS9 Protein, Mouse (GST)

Cat. No.:	HY-P72637
Synonyms:	Galectin-9; Lgals9; Gal-9
Species:	Mouse
Source:	E. coli
Accession:	O08573-2 (M1-T322)
Gene ID:	16859
Molecular Weight:	Approximately 60.0 kDa

PROPERTIES

AA Sequence	<p>M A L F S A Q S P Y I N P I I P F T G P I Q G G L Q E G L Q V T L Q G T T K S F</p> <p>A Q R F V V N F Q N S F N G N D I A F H F N P R F E E G G Y V V C N T K Q N G Q</p> <p>W G P E E R K M Q M P F Q K G M P F E L C F L V Q R S E F K V M V N K K F F V Q</p> <p>Y Q H R V P Y H L V D T I A V S G C L K L S F I T F Q T Q N F R P A H Q A P M A</p> <p>Q T T I H M V H S T P G Q M F S T P G I P P V V Y P T P A Y T I P F Y T P I P N</p> <p>G L Y P S K S I M I S G N V L P D A T R F H I N L R C G G D I A F H L N P R F N</p> <p>E N A V V R N T Q I N N S W G Q E E R S L L G R M P F S R G Q S F S V W I I C E</p> <p>G H C F K V A V N G Q H M C E Y Y H R L K N L Q D I N T L E V A G D I Q L T H V</p> <p>Q T</p>
Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM PB, 1 mM EDTA, 5 mM p-ME, 5% Trehalose, 400 mM NaCl, pH 6.5.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Galectin-9/LGALS9 protein functions as an eosinophil chemoattractant, playing a pivotal role in directing the migration of eosinophils, key immune cells involved in inflammatory responses. Additionally, this protein acts as an angiogenesis inhibitor, contributing to the regulation of blood vessel formation. Beyond its impact on cellular trafficking and vascular processes, Galectin-9/LGALS9 serves as a modulator of immune responses by suppressing interferon-gamma (IFNG)
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production in natural killer cells, thus exerting regulatory control over immune signaling pathways.

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

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