

Galectin-9/LGALS9 Protein, Human (GST)

Cat. No.:	HY-P70696
Synonyms:	Galectin-9; Gal-9; Ecalectin; Tumor antigen HOM-HD-21; LGALS9; Gal-9delta5
Species:	Human
Source:	E. coli
Accession:	O00182-2(M1-T323)
Gene ID:	3965
Molecular Weight:	Approximately 60.0 kDa

PROPERTIES

AA Sequence	<pre> M A F S G S Q A P Y L S P A V P F S G T I Q G G L Q D G L Q I T V N G T V L S S S G T R F A V N F Q T G F S G N D I A F H F N P R F E D G G Y V V C N T R Q N G S W G P E E R K T H M P F Q K G M P F D L C F L V Q S S D F K V M V N G I L F V Q Y F H R V P F H R V D T I S V N G S V Q L S Y I S F Q P P G V W P A N P A P I T Q T V I H T V Q S A P G Q M F S T P A I P P M M Y P H P A Y P M P F I T T I L G G L Y P S K S I L L S G T V L P S A Q R F H I N L C S G N H I A F H L N P R F D E N A V V R N T Q I D N S W G S E E R S L P R K M P F V R G Q S F S V W I L C E A H C L K V A V D G Q H L F E Y Y H R L R N L P T I N R L E V G G D I Q L T H V Q T </pre>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 1 M PBS, 100 mM GSH, 15% Glycerol, pH 8.0.
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, actively participating in the recruitment and migration of eosinophils, crucial immune cells involved in inflammatory responses. Moreover, it serves as an angiogenesis inhibitor, contributing to the regulation of blood vessel formation and impacting vascular processes. In its role as a regulatory modulator of immune responses, Galectin-9/LGALS9 suppresses interferon-gamma (IFNG) production by natural
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killer cells, exerting control over immune signaling pathways (By similarity).

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

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