

Galectin-8 Protein, Rat (His)

Cat. No.:	HY-P76943A
Synonyms:	Galectin-8; Gal-8; Po66 Carbohydrate-Binding Protein; Po66-CBP; Prostate Carcinoma Tumor Antigen 1; PCTA-1; LGALS8
Species:	Rat
Source:	E. coli
Accession:	Q6IN24 (M1-W316)
Gene ID:	116641
Molecular Weight:	Approximately 34 kDa

PROPERTIES

AA Sequence	<pre> M L S L S N L Q N I I Y N P T I P Y V S T I T E Q L K P G S L I V I R G H V P K D S E R F Q V D F Q H G N S L K P R A D V A F H F N P R F K R S N C I V C N T L T N E K W G W E E I T H D M P F R K E K S F E I V I M V L K N K F Q V A V N G K H I L L Y A H R I N P E K I D T L G I Y G K V N I H S I G F R F S S D L Q S M E T S T L G L T Q I S K E N I Q K S G K L H L S L P F E A R L N A S M G P G R T V V V K G E V N T N A K S F N V D L V A G R S R D I A L H L N P R L N V K A F V R N S F L Q D A W G E E E R N I T C F P F S S G M Y F E M I I Y C D V R E F K V A V N G V H S L E Y K H R F K D L S S I D T L A V D G D I R L L D V R S W </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SLC31A1 at 5 µg/mL (100 µL/well) can bind Rat Galectin-8. The ED ₅₀ for this effect is 3.773 µg/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4, 10% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA