

Mouse GAL1 Protein

Cat. No. GAL-MM201

Description

Source	Recombinant Mouse GAL1 Protein is expressed from Expi293 with hFc tag at the N-terminal. It contains Ala2-Glu135.
Accession	P16045
Molecular Weight	The protein has a predicted MW of 42 kDa. Due to glycosylation, the protein migrates to 45-52 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Galectin 1 (Gal-1), a β -galactoside binding mammalian lectin of 14KDa, is implicated in many signalling pathways, immune responses associated with cancer progression and immune disorders. Inhibition of human Gal-1 has been regarded as one of the potential therapeutic approaches for the treatment of cancer, as it plays a major role in tumour development and metastasis by modulating various biological functions viz. apoptosis, angiogenesis, migration, cell immune escape.

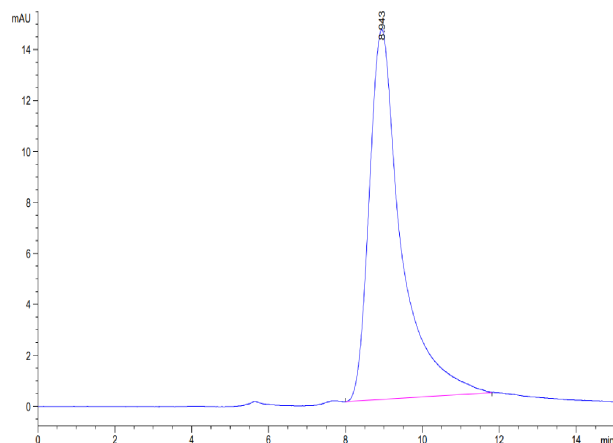
Assay Data

Tris-Bis PAGE



Mouse GAL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse GAL1 is greater than 95% as determined by SEC-HPLC.