

Product Name: Recombinant Human Galectin-4 (C-6His)
Catalog #: PEH2362

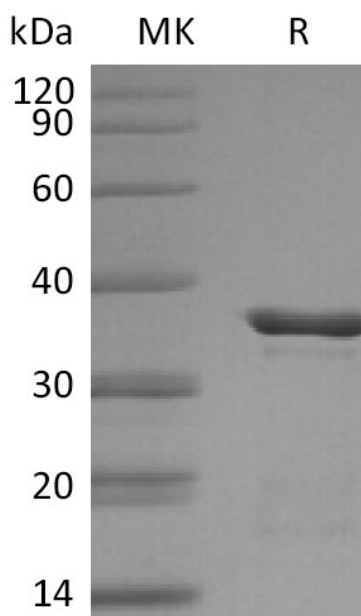


Summary

Name	Galectin-4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Galectin-4 is produced by our E.coli expression system and the target gene encoding Met1-Ile323 is expressed with a 6His tag at the C-terminus.
Accession #	P56470
Host	E.coli
Species	Human
Predicted Molecular Mass	37.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 5mM EDTA, 2mM TCEP, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Gal-4; Antigen NY-CO-27; L36LBP; Lactose-binding lectin 4; LGALS4; gal-4; galectin 4

Background

Galectins are a family of carbohydrate-binding proteins with specificity for N-acetyl-lactosamine-containing glycoproteins. Galectin-4 is a 36 kDa tandem-repeat galectin found throughout the gastrointestinal tract, but also present in well-differentiated breast and liver carcinomas. Galectin-4 expression is concentrated within microvilli in the gastrointestinal epithelium, where it can interact with CD3 and bind activated T cells in the lamina propria during intestinal inflammation.

Note

For Research Use Only , Not for Diagnostic Use.