

ARG70465 Human Galectin 12 recombinant protein (His-tagged, N-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

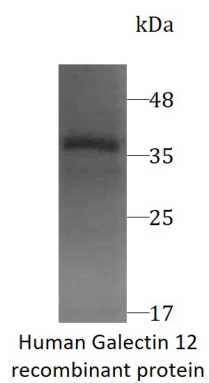
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| Product Description | E. coli expressed, His-tagged (N-ter) Human Galectin 12 recombinant protein |
| Tested Application | SDS-PAGE |
| Target Name | Galectin 12 |
| Species | Human |
| A.A. Sequence | Ser2 - Ser336 |
| Expression System | E. coli |
| Alternate Names | LGALS12; Galectin 12; GRIP1; Galectin-Related Inhibitor Of Proliferation; Lectin, Galactoside-Binding, Soluble, 12; Galectin-12; Testicular Secretory Protein Li 26; Gal-12; GAL12 |

Properties

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| Form | Powder |
| Purification Note | Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test. |
| Purity | > 98% (by SDS-PAGE) |
| Buffer | PBS (pH 7.4) |
| Reconstitution | It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely. |
| Storage instruction | For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|-----------------------|--|
| Gene Symbol | LGALS12 |
| Gene Full Name | Galectin 12 |
| Background | This gene encodes a member of the galectin superfamily, a group of beta-galactoside-binding proteins with conserved carbohydrate recognition domains. The related mouse protein is a primary regulator of the early stages of adipose tissue development. Alternatively spliced transcript variants encoding different isoforms have been described. |
| Function | Binds lactose. May participate in the apoptosis of adipocytes. |
| Cellular Localization | Nucleus |



ARG70465 Human Galectin 12 recombinant protein (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70465 Human Galectin 12 recombinant protein (His-tagged, N-ter)