

Human LGALS7 Recombinant Protein



RPPB0284

Product Information Protein Information

Product SKU:

RPPB0284

Accession:

P47929

Host:

Escherichia Coli.

Protein description:

Galectin-7 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 136 amino acids and having a molecular mass of 15kDa. The LGALS7 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Galectin-7, Gal-7, HKL-14, PI7, p53-induced gene 1 protein, LGALS7, PIG1, LGALS7B, GAL7, LGALS7A.

Formulation:

LGALS7 was lyophilized from a concentrated (1mg/ml) solution in 20mM Tris, 150mM NaCl, 1mM EDTA and 5% Trehalose, pH 8.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Galectin-7 in sterile distilled H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized LGALS7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Galectin-7 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MSNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLDTSEVVFNSKEQGSWGREG
PGVPFQRGQPFEVLIASDDGFKAVVGDAQYHHFRHRLPLARVRLVEVGGDVQLDSVRIF