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Product Datasheet

Recombinant Human LGALS1 (C-6His) EBT-EPT022

Article Name	Recombinant Human LGALS1 (C-6His)
Biozol Catalog Number	EBT-EPT022
Supplier Catalog Number	EPT022
Alternative Catalog Number	EBT-EPT022-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Galectin-1 is produced by our E.coli expression system and the target gene encoding Ala2-Asp135 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 15.78 KDa. Apparent molecular weight: 15 KDa, reducing conditions
UniProt	P09382
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: 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. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Galectin-1 is a member of growing family of evolutionary conserved animal lectins. Galectin-1 is widely expressed in many cells and tissues. Galectins consists of a Galectin domain and two Beta-galactoside binding domains. Galectin-1 can binds LGALS3BP and interacts with CD2, CD3, CD4, CD7, CD43 and CD45. Galectin-1 may act as an autocrine negative growth factor which regulates apoptosis, cell proliferation and cell differentiation. In addition, Galectin-1 plays important roles in immunosuppressive and antiinflammatory properties