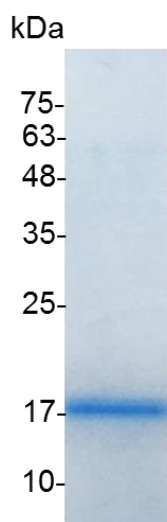


PRODUCT INFORMATION

Galectin-7, Human

Catalog number	C01160-5UG / C01160-20UG / C01160-100UG
Package	5 µg / 20 µg / 100 µg
Description	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-7 is a protein that in humans is encoded by the LGALS7 gene. It is expressed at all stages of epidermal differentiation (i.e., in basal and suprabasal layers). The protein was found mainly in stratified squamous epithelium. The cellular localization and its striking down-regulation in cultured keratinocytes imply a role in cell-cell and/or cell-matrix interactions necessary for normal growth control.
Source	<i>Escherichia coli</i>
Sequence	SNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRL DTSEVVFNSKEQGSWGREERGPVFPFQRGQPFEVLIASDDGFKAVVGDAQY HHFRHRLPLARVRLVEVGGDVQLDSVRIF with polyhistidine tag at the Nterminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measured by its ability to agglutinate human red blood cells. The ED ₅₀ for this effect is <2 µg/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human Galectin-7

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