

## Product datasheet for **TP309569M**

### Galectin 7 (LGALS7B) (NM\_001042507) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lectin, galactoside-binding, soluble, 7B (LGALS7B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209569 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSNVPHKSSLP EGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGS DAALHFNPRLDTSEVFN SKEQGSW GREERGP GVPFQRGQPFEVLIASDDGFKAVVGDAQYHHFRHRLPLARVRLVEVGGDVQLDSVRIF
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	14.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001035972</a>
Locus ID:	653499
UniProt ID:	<a href="#">P47929</a>
RefSeq Size:	506
Cytogenetics:	19q13.2



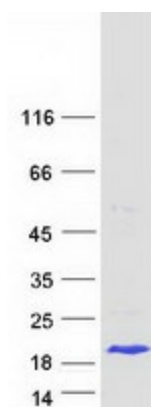
[View online »](#)

RefSeq ORF: 408

Synonyms: Gal-7; GAL7; HKL-14; LGALS7; PI7

**Summary:** The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:3963) is found adjacent to, but on the opposite strand on chromosome 19. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified LGALS7B protein (Cat# [TP309569]). The protein was produced from HEK293T cells transfected with LGALS7B cDNA clone (Cat# [RC209569]) using MegaTran 2.0 (Cat# [TT210002]).