

## Product datasheet

# Recombinant Human Galectin 7 protein ab182800

### Description

<b>Product name</b>	Recombinant Human Galectin 7 protein	
<b>Purity</b>	> 90 % SDS-PAGE. ab182800 is expressed in E.coli as inclusion bodies. The final product was refolded and chromatographically purified.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<b><u>P47929</u></b>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MASMTGGQQMGRGHHHHHHGNLYFQGGEFSNVPHKSSL PEGIRPGTVLRI RGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLDTSEVV FNSKEQGSWGR EERGPVPPFQRGQPFEVLIASDDGFKAVVGDAQYHHFR HRLPLARVRLV EVGGDVQLDSVRIF	
<b>Predicted molecular weight</b>	18 kDa including tags	
<b>Amino acids</b>	2 to 136	
<b>Tags</b>	His-T7 tag N-Terminus	
<b>Additional sequence information</b>	Mature protein; codon optimization and expressed with a small T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal. NP_002298.	

### Specifications

Our **Abpromise guarantee** covers the use of **ab182800** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Liquid

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C.

Avoid freeze / thaw cycle.

pH: 8.00

Constituent: 0.32% Tris HCl

Buffer also contains NaCl, KCl, EDTA, arginine, DTT and Glycerol.

---

## General Info

<b>Function</b>	Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release.
<b>Tissue specificity</b>	Mainly expressed in stratified squamous epithelium.
<b>Sequence similarities</b>	Contains 1 galectin domain.
<b>Cellular localization</b>	Cytoplasm. Nucleus. Secreted. May be secreted by a non-classical secretory pathway.

---

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

---

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

---

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors