

Datasheet for ABIN7550973

LGALS14 Protein (AA 1-139) (His tag)

3 Images



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	LGALS14
Protein Characteristics:	AA 1-139
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LGALS14 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LGALS14 Protein expressed in mammalian cells.
Sequence:	<p>MSSLPVPYTL PVSLPVGSCV IITGTPILTF VKDPQLEVNF YTGMDSDSDI AFQFRLHFGH</p> <p>PAIMNSCVFG IWRYEKCY YLPFEDGKPFE LCIYVRHKEY KVMVNGQRIY NFAHRFPAS</p> <p>VKMLQVFRDI SLTRVLISD Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	LGALS14
Alternative Name:	LGALS14 (LGALS14 Products)
Background:	Placental protein 13-like (Charcot-Leyden crystal protein 2) (CLC2) (Galectin-14) (Gal-14),FUNCTION: Binds beta-galactoside and lactose. Strong inducer of T-cell apoptosis. {ECO:0000269 PubMed:19497882}.
Molecular Weight:	16.1 kDa
UniProt:	Q8TCE9

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

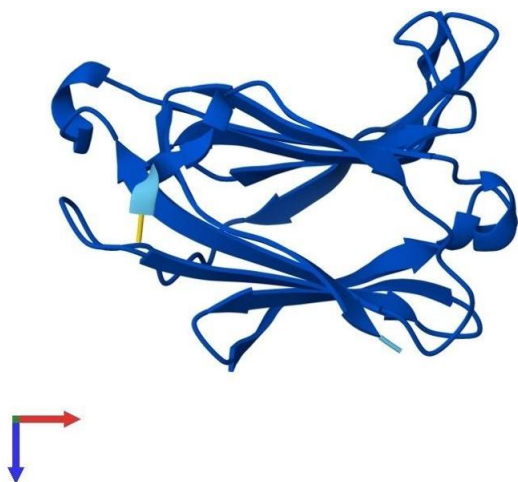
Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

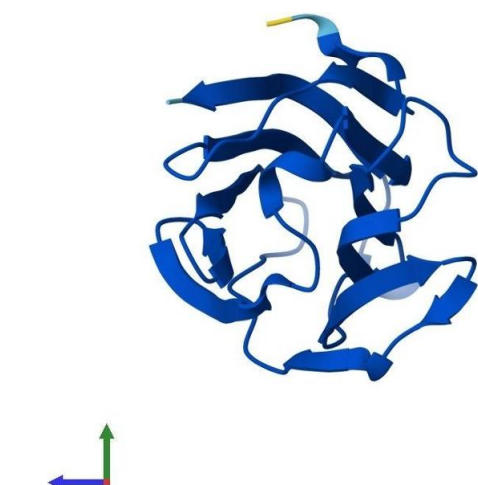
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



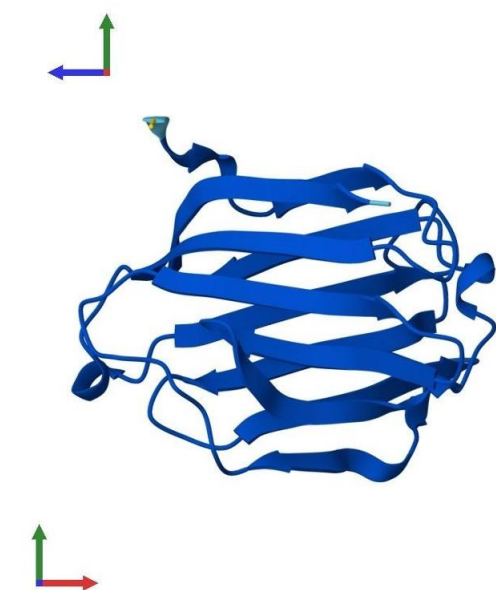
Protein Structure

Image 1. AlphaFold protein structure prediction of Human Recombinant LGALS14 Protein, UniprotID Q8TCE9



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant LGALS14 Protein, UniprotID Q8TCE9



Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant LGALS14 Protein, UniprotID Q8TCE9