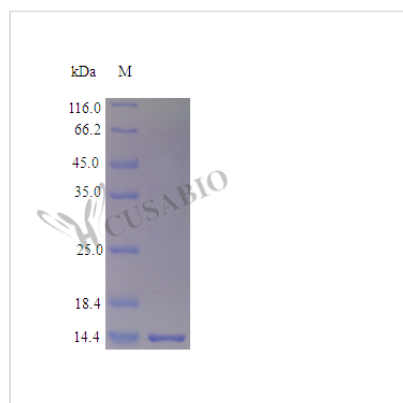




# Recombinant Human Galectin-1 protein (LGALS1) (Active)

<b>Product Code</b>	CSB-AP000471HU
<b>Abbreviation</b>	Recombinant Human LGALS1 protein (Active)
<b>Uniprot No.</b>	P09382
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS pH 7.0, 3mM β-Me, 5% Trehalose, 0.02% Tween 20
<b>Product Type</b>	Others
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human blood monocytes is in a concentration range of 1.0-10 ng/ml.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Sequence</b>	ACGLVASNLN LKPGECLRVR GEVAPDAKSF VLNLGKDSNN LCLHFNPRFN AHGDANTIVC NSKDGGAWGT EQREAVFPFQ PGSVAEVCIT FDQANLTVKL PDGYEFKFPN RLNLEAINYM AADGDFKIKC VAFD
<b>Research Area</b>	Cancer
<b>Source</b>	E.Coli
<b>Target Names</b>	LGALS1
<b>Expression Region</b>	2-135aa
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	14.6 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>PubMed ID</b>	2719964; 2910856; 2719646; 18824694; 1988031; 12761501; 15461802; 14702039; 10591208; 15489334; 3065332; 12665801; 3611046; 1386213; 2383549; 7501023; 10369126; 10764829; 11146440; 14617626; 19497882; 19608861; 21269460; 22905912; 22223895; 22814378; 2313

## Image





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**Description**

Enhance your cancer research with our premium Recombinant Human LGALS1 protein, also known as Galectin-1. Produced in E.coli, this full-length mature protein (2-135aa) is provided in a tag-free format, ensuring native-like structure and function. With a purity of >95% as confirmed by SDS-PAGE and HPLC, and endotoxin levels <1.0 EU/μg as determined by the LAL method, this protein guarantees minimal interference in your experiments. Recombinant Human LGALS1 is fully biologically active, as demonstrated by its ability to stimulate chemotaxis in human blood monocytes within a concentration range of 1.0-10 ng/ml. Supplied as lyophilized powder, our Recombinant Human LGALS1 protein empowers you to drive groundbreaking discoveries in cancer research with consistent results and precision scientific quality you can trust.

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**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.