



# Recombinant Rat Galectin-4 (Lgals4)

<b>Product Code</b>	CSB-EP012889RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P38552
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAYVPAPGYQ PTYNPTLPYK RPIPGGLSVG MSIIYQGIK DNMRRFHVN AVGQDEGADI AFHFNPRFDG WDKVVFNTMQ SGQWGKEEKK KSMPFQKGHH FELVFMVMSE HYKVVVNGTP FYEYGHRLPL QMVTHLQVDG DLELQSINFL GGQPAASQYP GTMTIPAYPS AGYNPPQMNS LPVMAGPPIF NPPVPYVGTL QGGLTARTI IIKGYVLPTA KNLIINFKVG STGDIAFHMN PRIGDCVVRN SYMNGSWGSE ERKIPYNPFG AGQFFDLSIR CGTDRFKVFA NGQHLLDFSH RFQAFQRVDM LEIKGDITLS YVQI
<b>Source</b>	E.coli
<b>Target Names</b>	Lgals4
<b>Protein Names</b>	Recommended name: Galectin-4 Short name= Gal-4 Alternative name(s): L-36 lactose-binding protein Short name= L36LBP Lactose-binding lectin 4
<b>Expression Region</b>	1-324
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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.