



# Recombinant Mouse Galectin-9 (Lgals9)

<b>Product Code</b>	CSB-YP012895MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O08573
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MALFSAQSPY INPIIPFTGP IQGGLQEGLQ VTLQGTTKSF AQRFFVNFQN SFNGNDIAFH FNPRFEEGGY VVCNTKQNGQ WGPEERKMQM PFQKGMPEL CFLVQRSEFK VMVNKKFFVQ YQHRVPYHLV DTIAVSGCLK LSFITFQNSA APVQHVSTL QFSQPVQFPR TPKGRKQKTQ NFRPAHQAPM AQTTIHMVHS TPGQMFSTPG IPPVVYPTPA YTIPFYTPIP NGLYPSKSIM ISGNVLPDAT RFHINLRCGG DIAFHLNPRF NENAVVRNTQ INNSWGQEER SLLGRMPFSR GQSFSVWVIC EGHCFKVAVN GQHMCEYYHR LKNLQDINTL EVAGDIQLTH VQT
<b>Source</b>	Yeast
<b>Target Names</b>	Lgals9
<b>Protein Names</b>	Recommended name: Galectin-9 Short name= Gal-9
<b>Expression Region</b>	1-353
<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. This protein is an S-type lectin. It is overexpressed in Hodgkin s disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene.
<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.