

LGALS9, 1-322aa, Mouse, His tag, E.coli

Cat.NO.: TP02819

3th Edition

Synonyms:Galectin-9, gal-9, galectin-9, LGALS35, Lgals5, gal9

Description:LGALS9 is a member of animal lectins that have an affinity to beta-galactosides and forssman pentasaccharide. It is strongly overexpressed in Hodgkin's disease tissue and it 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 consistently associated immunodeficiency. Recombinant mouse LGALS9 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:38kDa (345aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMALFSAQSPYINPIIPFTGPIQGGLEGLQVTLQGTTKSFAQRFFVNFQNSFN
GNDIAHFHFNPRFEEGGYVVCNTKQNGQWGPEERKMQMPFQKGMPELFCFLVQRSEFKVMVNKKFFVQYQHRVP
YHLVDTIAVSGCLKLSFITFQTQNFPAHQAPMAQTTIHMVHSTPGQMFSTPGIPPVVYPTPAYTIPFYTPIPNGLYP
SKSIMISGNVLPDATRFHINLRCGGDIAFHNLNPRFNENAVVRNTQINNSWGQEERSLLGRMPFSRGSFSVWIICEG
HCFKVAVNGQHMCEYYHRLKNLQDINTLEVAGDIQLTHVQT

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.