

Product datasheet for AR52003PU-S

LGALS3 (1-264, His-tag) Mouse Protein

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	LGALS3 (1-264, His-tag) mouse protein, 10 µg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMADSFSL NDALAGSGNP NPQGYPGAWG NQPGAGGYPG AAYPGAYPGQ APPGAYPGQA PPGAYPGQAP PSAYPGPTAP GAYPGPTAPG AYPGSTAPGA FPGQPGAPGA YPSAPGGYPA AGPYGVPAGP LTVPYDLPLP GGVMPRMLIT IMGTVKPNAN RIVLDFRRGN DVAFHFNPRF NENNRRVIVC NTKQDNNWGK EERQSAFPFE SGKPFKIQVL VEADHFKVAV NDAHLLQYNH RMKNLREISQ LGISGDITLT SANHAMI
Tag:	His-tag
Predicted MW:	29.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 1 mM DTT, 2 mM EDTA
Bioactivity:	Specific: The ED50 for this effect is equal or higher than 25 ug/ml. Measured by its ability to agglutinate human red blood cells.
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001139425</u>
Locus ID:	16854
UniProt ID:	<u>Q8C253</u>
Cytogenetics:	14 C1
Synonyms:	Lectin, galactose binding, soluble 3, CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2

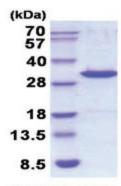


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GRIGENE LGALS3 (1-264, His-tag) Mouse Protein – AR52003PU-S

Summary:LGALS3, also known as galectin 3, is a member of the family of animal lectins, which
selectively binds beta-galactoside residues. This protein is secreted from cells by ectocytosis,
which is independent of the classical secretory pathway through the endoplasmic
reticulum/Golgi network. LGALS3 has been associated with the inhibition of apoptosis and
the progression of cancer. It is normally distributed in epithelia of many organs, in various
inflammatory cells, including macrophages, as well as dendritic cells and Kupffer cells. The
expression of this lectin is up-regulated during inflammation, cell proliferation, cell
differentiation and through trans-activation by viral proteins. Recombint mouse LGALS3
protein, used to His-tag at N-terminus, was expressed in E.coli and purified by using
conventiol chromatography techniques.

Product images:



15% SDS-PAGE (3ug)

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