

Active Recombinant Human LGALS7 protein(Ser2-Phe136), GST-tagged

Cat. No. LGALS7-444H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS7 protein(P47929)(Ser2-Phe136), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-Phe136
similar	LGALS7
Alias	LGALS7; lectin, galactoside-binding, soluble, 7; galectin-7; GAL7; galectin 7; LGALS7A; PIG1; TP53I1;
Conjugate	N-GST
Form	Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant human LGALS7/GST chimera consists of 366 amino acids and has a predicted molecular mass of 41.8 kDa. It migrates as an approxiamtely 40 KDa band in SDS-PAGE under reducing conditions.

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Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	LGALS7 lectin, galactoside-binding, soluble, 7 [Homo sapiens]
GeneNameWeblink	3963
OfficialSymbol	LGALS7
OfficialSymbolWeblink	3963
GenelD	3963
GenelDWeblink	3963
mRNARefseq	NM_002307
mRNARefseqWeblink	NM_002307.3
ProteinRefseqWeblink	NP_002298.1
MIMWeblink	600615

UniProtID	P47929
UniProtIDWeblink	P47929
GENE INFORMATION	
Synonyms	LGALS7; lectin, galactoside-binding, soluble, 7; galectin-7; GAL7; galectin 7; LGALS7A; PIG1; TP53I1;
MIM	600615

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