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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LGALS8 (Human) Recombinant Protein (P01)

Catalog Number: H00003964-P01

Regulation Status: For research use only (RUO)

Product Description: Human LGALS8 full-length ORF (AAH15818, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLSLNNLQNIINPVIPYVGTIPDQLDPGLIVICGHVPS
DADRFQVDLQNGSSVKPRADVAFHFNPRFKRAGCIVC
NTLINEKWGREEITYDTPFKREKSFEIVIMVLKDKFQVA
VNGKHTLLYGHRIGPEKIDTLGIYGKVNHSIGFSFSSDL
QSTQASSLELTEISRENVPKSGTPQLPSNRGGDISKIA
PRTVYTKSKDSTVNHTLTCTKIPPMNYVSKSLPFAARL
NTPMGPGRTVVVKGEVNANAKSFNVDLLAGKSKDIAL
HLNPRLNIAFVRNSFLQESWGEEERNITSFPFSPGMY
FEMIIYCDVREFKVAVNGVHSLEYKHRFKELSSIDTLEI
NGDIHLLEVRWS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.12

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3964

Gene Symbol: LGALS8

Gene Alias: Gal-8, PCTA-1, PCTA1, Po66-CBP

Gene Summary: This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

References:

1. Mining the pre-diagnostic antibody repertoire of TgMMTV-neu mice to identify autoantibodies useful for the early detection of human breast cancer. Mao J, Ladd J, Gad E, Rastetter L, Johnson MM, Marzbani E, Childs JS, Lu H, Dang Y, Broussard E, Stanton SE, Hanash SM, Disis ML. *Journal of Translational Medicine* 2014, 12:121 doi:10.1186/1479-5876-12-121