Product datasheet for KN204918BN

LGALS3BP Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	LGALS3BP
Locus ID:	3959
Components:	**KN204918G1**, LGALS3BP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN204918G2**, LGALS3BP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN204918BND**, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. **GE100003**, scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_005567
UniProt ID:	Q08380
Synonyms:	90K; BTBD17B; CyCAP; gp90; M2BP; MAC-2-BP; TANGO10B
Summary:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. [provided by RefSeq, Jul 2008]

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Product images:

RFP, Luc, and mBFP will be under native gene promoter