

Product datasheet for **RC204151L3V**

Bone marrow stromal cell antigen 1 (BST1) (NM_004334) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bone marrow stromal cell antigen 1 (BST1) (NM_004334) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Bone marrow stromal cell antigen 1
Synonyms:	CD157
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004334
ORF Size:	954 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204151).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004334.1
RefSeq Size:	1497 bp
RefSeq ORF:	957 bp
Locus ID:	683
UniProt ID:	Q10588
Cytogenetics:	4p15.32
Domains:	Rib_hydrolayse



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Protein Families:	Transmembrane
Protein Pathways:	Calcium signaling pathway, Metabolic pathways, Nicotinate and nicotinamide metabolism
MW:	35.7 kDa
Gene Summary:	Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population. [provided by RefSeq, Jul 2008]