

Product datasheet for **RC210779L4V**

ITGB1BP3 (NMRK2) (NM_170678) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ITGB1BP3 (NMRK2) (NM_170678) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NMRK2
Synonyms:	ITGB1BP3; MIBP; NRK2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_170678
ORF Size:	690 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210779).
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_170678.1
RefSeq Size:	1142 bp
RefSeq ORF:	693 bp
Locus ID:	27231
UniProt ID:	Q9NPI5
Cytogenetics:	19p13.3
MW:	26 kDa



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Gene Summary:

Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). Reduces laminin matrix deposition and cell adhesion to laminin, but not to fibronectin. Involved in the regulation of PXN at the protein level and of PXN tyrosine phosphorylation. May play a role in the regulation of terminal myogenesis.[UniProtKB/Swiss-Prot Function]