

Product datasheet for **RC223738L4V**

OSBP2 (NM_030758) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OSBP2 (NM_030758) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OSBP2
Synonyms:	HLM; ORP-4; ORP4; OSBPL1; OSBPL4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030758
ORF Size:	2745 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223738).
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_030758.2
RefSeq Size:	4349 bp
RefSeq ORF:	2751 bp
Locus ID:	23762
UniProt ID:	Q969R2
Cytogenetics:	22q12.2
Domains:	Oxysterol_BP, PH
MW:	101.2 kDa



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Gene Summary:

The protein encoded by this gene contains a pleckstrin homology (PH) domain and an oxysterol-binding region. It binds oxysterols such as 7-ketocholesterol and may inhibit their cytotoxicity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2013]