

## Product datasheet for **RC225866L4V**

### Upstream Binding Protein 1 (UBP1) (NM\_001128160) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Upstream Binding Protein 1 (UBP1) (NM_001128160) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Upstream Binding Protein 1
Synonyms:	LBP-1a; LBP-1B; LBP1A; LBP1B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001128160
ORF Size:	1512 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225866).
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. <a href="#">More info</a>
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:	<a href="#">NM_001128160.1</a> , <a href="#">NP_001121632.1</a>
RefSeq ORF:	1515 bp
Locus ID:	7342
UniProt ID:	<a href="#">Q9NZI7</a>
Cytogenetics:	3p22.3
Protein Families:	Transcription Factors
MW:	56.3 kDa



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**Gene Summary:**

Functions as a transcriptional activator in a promoter context-dependent manner. Modulates the placental expression of CYP11A1. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2 (By similarity). Involved in regulation of the alpha-globin gene in erythroid cells. Binds strongly to sequences around the HIV-1 initiation site and weakly over the TATA-box. Represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.[UniProtKB/Swiss-Prot Function]