

Product datasheet for **RC224788L3V**

CROP (LUC7L3) (NM_006107) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CROP (LUC7L3) (NM_006107) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CROP
Synonyms:	CRA; CREAP-1; CROP; hLuc7A; LUC7A; OA48-18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006107
ORF Size:	1296 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224788).
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_006107.3 , NP_006098.2
RefSeq Size:	2020 bp
RefSeq ORF:	1299 bp
Locus ID:	51747
UniProt ID:	O95232
Cytogenetics:	17q21.33
Protein Families:	Stem cell - Pluripotency
MW:	51.5 kDa



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Gene Summary:

This gene encodes a protein with an N-terminal half that contains cysteine/histidine motifs and leucine zipper-like repeats, and the C-terminal half is rich in arginine and glutamate residues (RE domain) and arginine and serine residues (RS domain). This protein localizes with a speckled pattern in the nucleus, and could be involved in the formation of spliceosome via the RE and RS domains. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2009]