

Product datasheet for RC226054L1

Product dutusineet for RC220034Ei

Clorf38 (THEMIS2) (NM_001105556) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: Clorf38

Synonyms: Clorf38; ICB-1; ICB1

Mammalian Cell None

Selection:

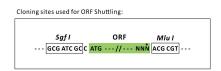
Vector: pLenti-C-Myc-DDK (PS100064)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226054).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



			Kozak Consensus	
EcoR I	BamH I	RBS	Sgf I	ORF
CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGC C ATG				
	Mlu I	Not I <u>Xho I</u>	Myc.Tag	
NNŇ		CGG CCG CTC GAG	CAG AAA CTC ATC	TCA GAA GAG
	TRT	R P L <u>E</u>	QKLI	S E E
DDK.Tag				
GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGCC				
DL A A N D I	L DYK	D D D D K	V Stop	

 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_001105556

ORF Size: 1929 bp



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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um

filter is required.

RefSeq: <u>NM_001105556.1</u>

RefSeq ORF: 1932 bp

Locus ID: 9473

UniProt ID: Q5TEJ8

Cytogenetics: 1p35.3

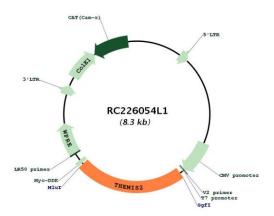
MW: 71.9 kDa

Gene Summary: May constitute a control point in macrophage inflammatory response, promoting LPS-induced

TNF production.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC226054L1