

Product datasheet for **RC224342**

FLASH (CASP8AP2) (NM_012115) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLASH (CASP8AP2) (NM_012115) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FLASH
Synonyms:	CED-4; FLASH; RIP25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224342 representing NM_012115. Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence:

>Peptide sequence encoded by RC224342
 Blue=ORF Red=Cloning site Green=Tag(s)

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Chromatograms:

https://cdn.origene.com/chromatograms/mg4282_f07.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_012115

ORF Size: 5946 bp

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.

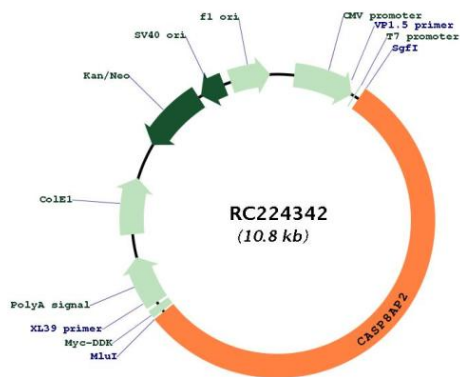
RefSeq Size: 6782 bp

RefSeq ORF: 5949 bp

Locus ID: 9994

UniProt ID:	<u>Q9UKL3</u>
Cytogenetics:	6q15
Protein Families:	Druggable Genome
MW:	222.7 kDa
Gene Summary:	This protein is highly similar to FLASH, a mouse apoptotic protein identified by its interaction with the death-effector domain (DED) of caspase 8. Studies of FLASH protein suggested that this protein may be a component of the death-inducing signaling complex that includes Fas receptor, Fas-binding adapter FADD, and caspase 8, and plays a regulatory role in Fas-mediated apoptosis. Alternative splicing results in multiple transcript variants encoding the same protein.[provided by RefSeq, Nov 2008]

Product images:



Circular map for RC224342