

Product datasheet for **SC115516**

FLASH (CASP8AP2) (NM_012115) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: FLASH

Synonyms: CED-4; FLASH; RIP25

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC115516 sequence for NM_012115 edited (data generated by NextGen Sequencing)

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TGCAGATAA

Clone variation with respect to NM_012115.3
3382 a=>g

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_012115 unedited
CAGAATTTTGTAAACGACTCACTATTAGGGCGGCCGGAATTCGACCAGCTTGGGCGG
GGCAGGGCGGGTAAGTTGTCTAGGGGCCCGGTCCGTGAGGACTGCTAAGGAAGAGGCT
GCATGGCGCGGTAGTCCCCGAGTGAGGTCGGCTGCCCTGGGAAACCAGAGAGTCGGA
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AACAATGATGAAGGCTCACTGGACATATACGCTGGGTGGACAGTGTCTTTCTGACAGC
GCTTCCAAATCCTGTGTACCATCAAGAAATGTTTGGACTTATGAAGAGATCCTGACT
GAAGAAGGAACTGCAAAGGAGGCAACATATAATGATTTGCAAGTAGAATATGAAAAATGT
CAACTACAAATGAAAGAGCTGATGAAAAAATTTAAAGAAATACAGACACAGAATTTACAGC
TTAATAAACGAAAACAGTCTCTTAAGAAGAATATTTACGACTTATCAAACTGCCAGA
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GATGTTTCTAAAGATGTACATCATAGCACTTCACTGCCAAATCTGGNAAAGGAGGNANAC
CACATTCGTATANAGGAGTACTTCACATTACCTACATCTGNTGAGAACACTGCACATATGG
TGTGGGTACGCTCTCATATCAGNNTGCGAGGTAGCTCAATGAGNTAGTANA

Restriction Sites:

NotI-NotI

ACCN:

NM_012115

Insert Size:

6500 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	NM_012115.2 , NP_036247.1
RefSeq Size:	6782 bp
RefSeq ORF:	5949 bp
Locus ID:	9994
UniProt ID:	Q9UKL3
Cytogenetics:	6q15
Protein Families:	Druggable Genome
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] Transcript Variant: This variant (1) represents the longest transcript.