

Product datasheet for **SC207709**

UBP43 (USP18) (NM_017414) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: UB43 (USP18) (NM_017414) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: USP18
Synonyms: ISG43; PTORCH2; UB43
ACCN: NM_017414
Insert Size: 610 bp
Insert Sequence: >SC207709 3'UTR clone of NM_017414
The sequence shown below is from the reference sequence of NM_017414. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTCTGGTTTACATGAAGATGGAGTGCATGGAATGCCAAAACCTTCAGAGATTGACACGCTGTCA
TTTTCCATTTCCGTTCCCTGGATCTACGGAGTCTTCTAAGAGATTTTGAATGAGGAGAAGCATTGTTT
CAAATATATAACTGAGCCTTATTATAATTAGGGATATTATCAAATATGTAACCATGAGGCCCTCA
GGTCTGATCAGTCAGAATGGATGCTTTTACCAGCAGACCCGGCCATGTGGCTGCTCGGTCTGGGTGC
TCGCTGTGTGCAAGACATTAGCCCTTTAGTTATGAGCCTGTGGGAACTTCAGGGTTCCAGTGGGGA
GAGCAGTGGCAGTGGGAGGCATCTGGGGCCAAAGGTCAGTGGCAGGGGTATTTTCAAGTATTATAAAC
TGCTGTGACCAGACTTGATACTGGCTGAATATCAGTGTGTTTGAATTTTCACTTTGAGAACCAAC
ATTAATCCATATGAATCAAGTGTGTTTGAAGTCTATTCATTTATTCAGCAAATATTTATGATCATC
TCTTCTCCATAAGATAGTGTGATAAACACAGTCATGAATAAAGTTATTTTCCACAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM_017414.4](#)

Summary: The protein encoded by this gene belongs to the ubiquitin-specific proteases (UBP) family of enzymes that cleave ubiquitin from ubiquitinated protein substrates. It is highly expressed in liver and thymus, and is localized to the nucleus. This protein efficiently cleaves only ISG15 (a ubiquitin-like protein) fusions, and deletion of this gene in mice results in a massive increase of ISG15 conjugates in tissues, indicating that this protein is a major ISG15-specific protease. Mice lacking this gene are also hypersensitive to interferon, suggesting a function of this protein in downregulating interferon responses, independent of its isopeptidase activity towards ISG15. [provided by RefSeq, Sep 2011]

Locus ID: 11274

MW: 22.8