

Product datasheet for SC207709

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

Product data:

Product Type:	3' UTR Clones
Product Name:	UBP43 (USP18) (NM_017414) Human 3' UTR Clone
Symbol:	UBP43
Synonyms:	ISG43; PTORCH2; UBP43
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017414
Insert Size:	610 bp
Insert Sequence:	<p>>SC207709 3'UTR clone of NM_017414</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CTTCTGGTTTACATGAAGATGGAGTGCTAATGGAAATGCCAAAACCTTCAGAGATTGACACGCTGTCA
TTTTCCATTTCCGTTCTGGATCTACGGAGTCTTCTAAGAGATTTTGAATGAGGAGAAGCATTGTTTT
CAAATATATAACTGAGCCTTATTATAATTAGGGATATTATCAAATATGTAACCATGAGGCCCTCA
GGTCTGATCAGTCAGAATGGATGCTTTACCAGCAGACCCGGCCATGTGGCTGCTCGGTCTGGGTGC
TCGCTGCTGTGCAAGACATTAGCCCTTTAGTTATGAGCCTGTGGGAACCTCAGGGGTTCCAGTGGGGA
GAGCAGTGGCAGTGGGAGGCATCTGGGGGCCAAAGGTCAAGTGGCAGGGGGTATTTCAAGTATTATAAAC
TGCTGTGACCAGACTTGATACTGGCTGAATATCAGTGCTGTTTGTAAATTTTCACTTTGAGAACCAAC
ATTAATTCATATGAATCAAGTGTGTTTGTAACTGCTATTATTTATTCAGCAAATATTTATTGATCATC
TCTTCTCCATAAGATAGTGTGATAAACACAGTCATGAATAAGTTATTTTCCACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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).


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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.
RefSeq:	<u>NM_017414.4</u>
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