

Product datasheet for **MC202777**

Usf2 (NM_011680) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Usf2 (NM_011680) Mouse Untagged Clone
Tag: Tag Free
Symbol: Usf2
Synonyms: bHLHb12; Usf-2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC082995 sequence for NM_011680
 GCCCGCCCCCTCCCCTCCCCTCCCCTCCCCCCCCCCCCCATGGACATGCTGGACCCGGGTCTG
 GATCCCGCTTCCCTCGGCCACCGTGCTGCCGCCGCCAGCCACGACAAGGGACCCGAGGCCGAGGAGGGCG
 TTGAGCTGCAGGAAGGCGGGGACGGCCCGGGGGCTGAGGAGCAGACGGCGGTGGCCATCGCCAGTGTCCA
 GCAGGCGGCGTTTCGGCGACCACAATATCCAGTACCAGTTCGGTACAGAGAGTAATGGAGGCCAGGTGACA
 TACCGCGTAGTCCAGGTGACTGATGGTCAGCTGGACGGCCAGGGCGACGCGGCGCGCCGTGAGCGTGC
 TGTCCACCGCTGCCTTCGCGGGGGGCGAGCAGGCTGTGACCCAGGTGGGTGTGGACGGGGCAGCCAGCG
 CCCCCGCCCTGCCGCTGCCTCTGTACCCACAGTCCCAGCACCCTTCCCGCTGGCTGTAATTCAAAAT
 CCATTCAGCAATGGTGGCAGCCCGGGCCGAAGCTGTCAGCGGGGAGGCACGATTTGCTTATTTCCAG
 CATCCAGTGTGGCGATACCACAGCTGTGTCTGTTCAAACACAGACCAGAGCCTACAGGCCGAGGCCA
 GTTCTATGTCATGATGACACCCAGGATGTGCTTCAGACAGGCACACAGAGGACAATTGCACCCCGGACA
 CACCCCTATTCTCCGAAAATTGATGGAACCAAGAACTCCTCGAGATGAGAGAAGAAGAGCTCAGCACAATG
 AAGTGGAAACGGAGAAGGAGGGACAAAGATCAACAACCTGGATCGTCCAGCTTTCAAAATCATTCCAGATTG
 TCATGCAGACAACAGCAAGACAGGAGCAAGTAAAGGGGGCATCCTGTCCAAGGCTTGCGATTACATCCGG
 GAGCTACGCCAGACCAACCAGCGCATGCAGGAGACCTTCAAGGAGGCAGAGCGGCTGCAGATGGACAATG
 AGCTCCTCAGGCAGCAGATCGAGGAGCTGAAGAATGAGAATGCCCTGCTTCGAGCCAGCTACAGCAGCA
 CAACCTGGAATGGTGGGCGAGAGTACCCGGCAGTGATGCCCCGGGCTCACCTTCAGCTGCTGTGCGG
 CTCTGCTGCCCTCCCCAGCCCTTAGCACAGAGAGGGAGATGCCCTCCCCAAGCTGCGTTTTTTTATA
 GTAGATTTTTTAACAAAAACAAGGAGACATAATGCATTTCTGTTGATACGTTGCCACTACCCTCCTCCAT
 GCGAAAACGATGCCACCTGCCATCTGTCCATCAGCCTCCTTCTCGGTCTCACCAGCCCATCACTTA
 TAGTGGGCTCATCAGGAGGAGCAGGGGAGGAGCAGAGGCCCGCTGCCGCTGCCTCCTTGGTCTCTA
 GAGGTATTGAGACAGGTGCTCATGGAAAGGAGGGAGCTTTGGGATGCGGGCCTTCCCTGGGGCTTGG
 CCTTTGCAGGGAGGCCATGCCGCCACCCTCTTGTCTGGATCCCTGCTCCCCTCTGGGTGTGTGGGTG
 TGTGTGTACGTTTGGGTGTGTGTGTATGCGCGTGTGTGCGTGTGTGTGTTTTAATTTCTTTATGAAAA
 TGGACAAAAAATAGAGAGAGAGGTATTTAACTGCAATAAACTGGCCAGTGTGGCCCCGCCTAAAAA
 AA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_011680
Insert Size:	1041 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:	<ol style="list-style-type: none">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.
RefSeq:	BC082995 , AAH82995
RefSeq Size:	1722 bp
RefSeq ORF:	1041 bp
Locus ID:	22282
UniProt ID:	Q64705
Cytogenetics:	7 19.27 cM
Gene Summary:	Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters.[UniProtKB/Swiss-Prot Function]