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Product datasheet for SC318653

USP54 (NM_152586) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: USP54 (NM_152586) Human Untagged Clone

Tag: Tag Free

Symbol: USP54

Synonyms: bA137L10.3; bA137L10.4; C10orf29

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_152586, the custom clone sequence may differ by one or more nucleotides

ATGTCTTGGAAGAGAAATTATTTTTCAGGGGGTCGTGGTAGTGTACAAGGGATGTTTGCA
CCTCGAAGCTCAACCTCCATAGCCCCCAGCAAAGGCCTCAGCAATGAGCCAGGGCAAAAC
AGCTGCTTCCTCAACAGTGCCCTGCAGGTTTTGTGGCACTTGGATATCTTCCGACGTAGC
TTTAGGCAGCTTACAACTCACAAGTGCATGGGAGATTCCTGCATCTTTTGCGCTCTCAAG
GGAATCTTTAACCAGTTTCAGTGTAGTAGTGAAAAAGTGCTTCCATCTGACACTCTCCGC
AGTGCTCTGGCAAAGACTTTCCAGGATGAACAACGTTTCCAGCTGGGAATTATGGATGAT
GCTGCAGAGTGCTTTGAAAACCTCCTGATGAGAATTCACTTCCACATTGCTGATGAAACC
AAAGAGGATATATGTACTGCCCAACACTGCATTTCCCATCAGAAATTTGCAATGACATTG
TTTGAGCAGTGTGTATGTACTAGCTGTGGTGCCACTTCTGATCCGCTGCCTTTCATCCAG
ATGGTACATTATATCTCCACCACTTCCCTTTGCAATCAGGCTATTTGTATGCTGGAAAGA
CGAGAGAAACCTTCACCAAGCATGTTTGGTGAGCTGCTGCAGAATGCCAGCACCATGGGG
GATCTGCGGAACTGTCCAAGCAACTGTGGAGAGAGGATCAGGATTCGCCGTGTGTTGATG
AATGCTCCACAGATTATCACGATTGGGCTGGTATGGGACTCAGACCACTCAGACTTAGCA
GAAGATGTTATCCACAGCCTGGGAACCTGCCTTAAGCTGGGTGATCTGTTTTTCAGAGTG
ACGGATGACCGGGCCAAGCAATCTGAACTGTACTTAGTTGGAATGATCTGTTACTATGGC
AAACATTATTCTACATTCTTTTTTCAAACAAAGATTCGCAAATGGATGTATTTTGATGAT
GCTCATGTCAAGGAGATTGGGCCCAAATGGAAGGATGTGGTGACCAAATGCATCAAGGGG
CATTATCAGCCCCTGCTGCTGCTTTATGCAGATCCCCAGGGTACCCCAGTTTCCACCCAG
GACCTGCCTCCCCAAGCTGAGTTCCAGTCATACAGCAGGACATGCTACGACAGTGAAGAT
TCAGGGAGGGAGCCCTCCATCTCAAGTGACACTCGAACAGATTCCTCAACGGAGAGCTAT
CCCTACAAACATTCCCACCATGAGTCTGTGGTCAGTCACTTCTCTTCTGATTCTCAGGGG
ACAGTCATCTATAATGTGGAAAATGATTCCATGTCTCAGAGCAGTCGGGACACAGGACAC
CTGACTGATAGTGAATGTAATCAGAAACACACATCCAAGAAAGGGTCACTGATAGAGCGC
AAGAGGAGCTCTGGTCGGGTTAGGAGGAAAGGCGATGAGCCCCAGGCCTCGGGATACCAC
AGTGAAGGAGAAACACTGAAAGAGAAGCAGGCTCCTAGAAATGCCTCCAAACCATCCAGC
AGCACCAACAGGCTGAGAGATTTTAAAGAGACAGTCAGCAATATGATCCATAACAGACCA
TCCCTGGCTTCTCAGACCAATGTAGGCTCTCACTGCAGGGGCAGAGGAGGAGACCAGCCT
GACAAAAAACCTCCTAGGACCCTGCCTTTACACTCTCGTGACTGGGAAATAGAGAGTACC
AGCAGTGAGTCAAAATCCAGTTCTTCCAGCAAGTATCGTCCCACATGGAGACCCAAACGA

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GAATCTCTGAATATTGACAGTATCTTTAGTAAGGACAAAAGGAAGCACTGTGGCTATACC
CAGCTTAGCCCCTTTTCTGAGGATTCAGCTAAAGAATTTATACCAGATGAACCAAGCAAG
CCACCTTCTTACGACATTAAATTTGGTGGACCAAGCCCCCAGTACAAGCGCTGGGGCCCA
GCACGGCCAGGCTCTCACCTTTTAGAGCAGCACCCCCGACTAATCCAGCGAATGGAATCT
GGCTATGAAAGCAGTGAGAGGAACAGCAGCAGCCCTGTCAGCCTGGATGCAGCCCTGCCT
GAGAGCTCAAATGTCTACAGGGATCCAAGTGCTAAGAGATCAGCTGGGTTGGTTCCTTCC
TGGCGTCATATCCCAAAGTCGCACAGCAGTAGCATCCTGGAGGTAGACTCCACAGCATCC
ATGGGTGGCTGGACAAAGAGTCAGCCTTTCTCTGGTGAGGAGATATCTTCTAAAAGTGAA
CTGGATGAATTGCAGGAAGAGGTGGCCAGGAGGGCGCAGGAACAGGAACTTCGAAGAAAA
CGGGAGAAGGAGTTAGAGGCAGCGAAAGGGTTTAACCCTCATCCTAGCCGCTTCATGGAC
TTGGATGAACTGCAGAATCAGGGGAGGAGTGACGGCTTTGAGAGGTCCCTGCAAGAGGCA
GAGTCAGTGTTTGAAGAGTCACTACATCTGGAACAGAAAGGAGACTGTGCTGCAGCTTTG
GCTCTCTGTAATGAAGCTATCTCTAAACTAAGACTTGCCCTGCATGGTGCCAGCTGTAGC
ACGCACAGCAGAGCCCTAGTCGATAAGAAGTTGCAAATCAGTATTCGAAAAGCACGGAGC
CTGCAGGATCGCATGCAGCAGCAGCAATCACCACAGCAGCCGTCGCAGCCCTCAGCCTGC
CTCCCAACACAGGCGGGGACTCTCTCTCAGCCAACAAGTGAACAGCCTATCCCGCTCCAA
GTATTGTTAAGCCAAGAGGCCCAACTGGAATCCGGCATGGATACAGAGTTTGGGGCCAGT
TCTTTCTTCCATTCACCTGCTTCCTGCCATGAGTCACACTCATCACTATCTCCAGAGTCA
TCTGCCCCACAGCACAGCTCCCCCAGTAGATCTGCCTTGAAGCTTCTGACTTCGGTTGAA
GTAGACAACATTGAACCCTCTGCATTCCACAGGCAAGGTTTACCTAAAGCACCAGGGTGG
ACTGAGAAGAATTCTCATCATAGTTGGGAGCCATTGGATGCCCCAGAGGGTAAGCTGCAA
GGCTCTAGGTGTGACAACAGCAGTTGCAGCAAGCTCCCTCCACAAGAAGGAAGAGGCATT
GCTCAAGAACAGCTGTTCCAAGAAAAGAAGGATCCTGCTAACCCCTCCCCGGTGATGCCT
GGAATAGCCACCTCTGAGAGGGGTGATGAACACAGCCTAGGCTGTAGTCCTTCAAATTCA
TCAGCTCAGCCCAGCCTTCCCCTGTATAGAACCTGCCACCCCATAATGCCTGTTGCTTCT
TCATTTGTGCTTCACTGTCCTGATCCTGTGCAGAAAACTAACCAATGCCTCCAAGGCCAA
AGCCTCAAAACTTCATTGACTTTAAAAGTGGACAGAGGCAGTGAGGAGACCTATAGGCCA
GAGTTTCCCAGCACAAAGGGGCTTGTCCGTTCTCTGGCTGAGCAGTTCCAGAGGATGCAG
GGTGTCTCCATGAGGGATAGTACAGGTTTCAAGGATAGAAGTTTGTCAGGTAGTCTAAGG
AAGAACTCTTCCCCTTCTGATTCTAAGCCTCCTTTCTCACAGGGTCAAGAGAAAGGCCAC
TGGCCATGGGCAAAGCAACAATCCTCTCTGGAGGGTGGGGATAGACCACTTTCCTGGGAA
GAGTCCACTGAACATTCTTCTCTTGCCTTAAACTCTGGGCTGCCTAATGGTGAAACTTCT
AGCGGAGGACAGCCCAGGTTGGCAGAGCCAGACATATACCAAGAGAAGCTGTCCCAAGTG
AGAGATGTTAGGTCTAAGGATCTGGGCAGCAGTACTGACTTGGGGACTTCCTTGCCTTTG
GATTCCTGGGTGAATATCACAAGGTTCTGTGATTCTCAGCTTAAGCATGGGGCACCTAGG
CCAGGAATGAAGTCCTCCCCTCATGATTCCCATACGTGTGTAACCTATCCAGAGAGAAAT
CACATCCTTTTGCATCCACATTGGAACCAAGACACAGAGCAGGAGACCTCAGAATTGGAG
TCTCTGTATCAGGCCAGTCTTCAGGCTTCTCAAGCTGGCTGTTCTGGATGGGGGCAGCAG
GATACCGCCTGGCACCCACTTAGCCAAACAGGCTCTGCAGATGGCATGGGGAGGAGGTTG
CACTCAGCCCATGATCCTGGTCTCTCAAAGACTTCAACAGCAGAAATGGAGCATGGTCTC
CATGAAGCCAGAACAGTGCGTACTTCTCAGGCTACACCTTGCCGAGGCCTCAGCAGGGAG
TGTGGGGAGGATGAGCAGTACAGTGCAGAGAATTTACGTCGCATCTCACGCAGTCTCAGT
GGCACCGTTGTCTCAGAGAGGGAGGAAGCTCCGGTTTCTTCCCACAGTTTTGATTCATCA
AACGTGAGGAAGCCTTTGGAAACCGGGCACCGTTGTTCCAGCTCCTCTTCCCTCCCTGTC
ATCCATGACCCTTCTGTGTTTCTCCTCGGTCCCCAACTCTACCTTCCCCAACCACAGTTC
CTGTCCCCAGATGTCCTGATGCCCACCATGGCAGGGGAGCCCAATAGACTCCCAGGAACT
TCAAGGAGTGTCCAGCAGTTTCTGGCTATGTGTGACAGGGGTGAAACTTCCCAAGGGGCC
AAGTACACAGGAAGGACTTTGAACTACCAGAGCCTCCCCCATCGCTCCAGAACAGACAAC
TCCTGGGCACCCTGGTCAGAGACCAACCAGCATATTGGGACCAGATTCCTGACTACTCCA
GGGTGCAATCCTCAACTAACCTACACTGCCACACTACCAGAAAGAAGCAAGGGCCTTCAG
GTTCCTCACACTCAGTCCTGGAGTGATCTTTTCCATTCACCCTCCCACCCTCCCATTGTT
CATCCTGTGTACCCACCATCTAGCAGTCTTCATGTACCCCTGAGGTCAGCTTGGAATTCA

GATCCTGTTCCAGGGTCCCGAACCCCTGGTCCTCGAAGAGTAGATATGCCCCCAGATGAT
GACTGGAGGCAAAGCAGTTATGCCTCCCACTCTGGACACAGGAGAACAGTGGGAGAGGGG
TTTCTGTTTGTTCTATCAGATGCTCCCAGAAGAGAGCAGATCAGGGCTAGAGTCCTGCAG
CACAGTCAATGG

Restriction Sites: Please inquire

ACCN: NM_152586

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.

RefSeq: NM_152586.3, NP_689799.3

RefSeq Size: 6202 bp

RefSeq ORF: 5055 bp

Locus ID: 159195

UniProt ID: Q70EL1

Cytogenetics: 10q22.2

Protein Families: Protease

Gene Summary: Has no peptidase activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1).