

Product datasheet for **MC228596**

Asph (NM_001290367) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asph (NM_001290367) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Asph
Synonyms:	2310005F16Rik; 3110001L23Rik; AI848629; AW261690; AW561901; BAH; C79816; cl-37
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC228596 representing NM_001290367
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCATTGCATTGCTCGGCGTCTGGACATCTGTGGCTGTCGTGTGGTTTGACTTGGTCGATTATGAAG
 AAGTTCTAGGAAAAC TAGGAGTCTATGATGCGGATGGCGATGGAGACTTTGATGTGGATGATGCCAAAGT
 TTTATTAGGCCTTAAAGAAAGATCTCCTTCTGAGAGGACATTTCCACCGAGGAGGAGGCAGAGACTCAC
 GCTGAGCTGGAGGAGCAGGCCCTGAGGGGGCAGACATCCAGAATGTTGAAGATGAAGTAAAGGAACAAA
 TTCAGTCCCTTCTCAGGAATCAGTACACACAGACCATGACCTTGAAGCAGATGGGCTGGCAGGAGAACC
 ACAGCCGGAGGTTGAGGACTTCTCACAGTGACCGACAGTGATGACAGATTTGAGGACCTGGAACCCGGG
 ACAGTTTCAAGAAAATCGAGGATACTTACCATGTGGAAGACACAGCATCGCAGAACCATCCAAATGACA
 TGAAGAGATGACGAATGAGCAGGAAAATTCAGAGGAAGTAAGACACCAAGACTATGATGAACCAAGTATA
 TGAACCTCAGAGCATGAAGGGTTCGCGATTTTCAGATAACACCATAGATGATTCCAGCATAATCTCAGAA
 GAAATAAATGTCGCCTCTGTTGAAGAACAGCAAGACACACCAGTTAAGAAGAAGAAGCCTAAACTTC
 TGAACAAATTTGATAAGACAATTAAGGCTGAGCTGGATGCTGCAGAAAAGCTCCGAAAAGGGTAAAAT
 TGAGGAAGCAGTGAACGCATTTGAAGAAGTGGTTCGAAAGTACCCTCAGAGCCCACGAGCAAGATATGGC
 AAAGCGCAGTGTGAAGATGACTTGGCAGAGAAGCAGAGAAGCAATGAGGTTCTGCGCAGGGCCATCGAGA
 CCTACCAGGAGGCAGCCGACCTGCCTGATGCCCTACAGACCTGGTGAAGCTGAGCTTGAAGCGAAGGTC
 GGAACGGCAGCAGTTTCTAGGTCACATGAGAGGTTCTCTACTTACCCTCCAGAGACTAGTTCAACTGTTC
 CCTAGTGATACTACCTTAAAAACGACCTTGGCGTAGGATACCTCTTGTGGGAGACAACGACAGTGCCA
 AGAAGGTTTACGAAGAGGTGCTAAATGTGACACCAAATGATGGCTTCGCTAAAGTGCATTACGGCTTCAT
 CCTGAAGGCACAGAACAAGATATCTGAGAGCATTCCCTACTTAAAGGAAGGAATCGAATCTGGGGACCT
 GGCACGGATGATGGCCGTTTTACTTCCACTTGGGGGATGCCATGCAGAGGGTCGGGAACAAGAGGCAT
 ATAAGTGGTATGAACTTGGGCACAAGAGAGGACATTTTGCCTCTGTCTGGCAGCGTTCCTCTACAATGT
 GAATGGTCTGAAGGCTCAGCCGTGGTGGACACCCAGGGAGACTGGCTACACAGAGCTAGTGAAGTCTTTA
 GAGAGAACTGGAAGTTAATCCGTGATGAAGGCCATGGTGTGGATAAAGCCAAGGGTCTCTTCTGCT
 CTGAGGACGAAAACCTTCGGGAGAAGGGGACTGGAGCCAGTTCACACTGTGGCAGCAAGGAAGGAAGAA
 TGAGAATGCCTGTAAGGAGCGCCTAAGACCTGTGCTTTACTAGAAAAGTTTTCCGAAAACAACAGGATGC
 AGAAGAGGACAGATCAAATACTCCATCATGCACCTGGAATCATGTGTGGCCGATACAGGACCCACAA
 ACTGCAGGCTCCGAATGCATCTGGGGTTAGTGATCCCAAGGAAGGCTGCAAGATCCGGTGTGCCAATGA
 GACCAGGACGTGGGAAGAAGGCAAGGTGCTCATCTTTGATGACTTTTTGAGCACGAGGTTTGGCAGGAT
 GCCTCGTCTTTCCGGCTGATATTCATCGTGGATGTGTGGCACCCCGAGCTGACCCCTCAGCAGAGACGCA
 GCCTTCCCGCAATTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001290367

Insert Size: 1977 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001290367.1</u> , <u>NP_001277296.1</u>
RefSeq Size:	6447 bp
RefSeq ORF:	1977 bp
Locus ID:	65973
UniProt ID:	<u>Q8BSY0</u>
Cytogenetics:	4 A1
Gene Summary:	<p>Isoform 1: specifically hydroxylates an Asp or Asn residue in certain epidermal growth factor-like (EGF) domains of a number of proteins.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (11) differs in the 5' UTR and 5' coding region, initiates translation at a downstream start codon and lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform 11, which is shorter than isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>