

Product datasheet for MC210258

Asph (NM_001177856) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asph (NM_001177856) 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
Fully Sequenced ORF: >MC210258 representing NM_001177856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCCGCGCAAGAACGCCAAGGGCGGGCGGCAACAGCAGCAGCAGCGGCAGCGGCAGCGGCTCGG
 GCAGCGGTAGCCCGAGCACGGGTAGCAGCGGTAGCAGCAGTAGCCCCGGGGCTCGGAGAGAGGCCAAAGCA
 CGGAGGACACAAGAATGGGAGAAGAGGAGGGATTCAGGAGGGTCTTTTTCACATGGTTCATGGTCATT
 GCATTGCTCGGGCTCTGGACATCTGTGGCTGTCGTGTGGTTTGACTTGGTCGATTATGAAGAAGTCTAG
 CCAAAGCAAAGGACTTCCGTTATAAATTATCAGAGGTAAGGAAACTAGGAGTCTATGATGCGGA
 TGGCGATGGAGACTTTGATGTGGATGATGCCAAAGTTTTATTAGGCCTGACCAAAGATGGCAGTAATGAA
 AATATTGATTCTCTTGAGGAAGTCTTACTATTTAGCGGAGGAGAGTTCAGATTGGTTTTATGGTTTCC
 TCTATTTCTCTATGATAAATGACTCCTTTTGAATGCTAGAAGAAGAGGAAGAAGAAGCGAAACTGC
 AGATGGTGTGATGGTACGTCACAGAATGAAGGGGTTAGGAAAGACCTGTGTCATTTGGATTTGCAT
 AATCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177856
Insert Size: 639 bp



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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:	<u>NM_001177856.1</u> , <u>NP_001171327.1</u>
RefSeq Size:	2969 bp
RefSeq ORF:	639 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 (10) has multiple differences which result in a distinct 3' coding region and 3' UTR, compared to variant 1. The resulting protein (isoform 10) is shorter and has a distinct C-terminus when it is compared to isoform 1.</p>