

Product datasheet for MC210252

Asph (NM_001177855) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asph (NM_001177855) 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: >MC210252 representing NM_001177855
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCCCGCGCAAGAACGCCAAGGGCGGGCGGCAACAGCAGCAGCAGCGGCAGCGGCAGCGGCTCGG
GCAGCGGTAGCCCGAGCACGGGTAGCAGCGGTAGCAGCAGTAGCCCCGGGGCTCGGAGAGAGGCAAAGCA
CGGAGGACACAAGAATGGGAGAAGAGGAGGGATTCAGGAGGGTCCTTTTTCACATGGTTCATGGTCATT
GCATTGCTCGGCGTCTGGACATCTGTGGCTGTCGTGTGGTTTGACTTGGTCGATTATGAAGAAGTCTAG
GAAAAGTCTATGATGCGGATGGCGATGGAGACTTTGATGTGGATGATGCCAAAGTTTTATTAGA
AGGACCTGGTGGTTAGCCAAGAGGAAAAGCTAAGGCTAAAGCTAAAGAAGCCATCAAAGAAGAGCTGAAG
AAGGAGAGAGGGAAAGCTGTGCCAGCAAGAATGAAGAGCGAAGGCAGGGGAAGAAGGAGCAGGAGGATA
GAGGGAAGGGGAGGAAGAAGCCTGACTCAGACACATCCCAGAAAGCATCCGCTGCAGGGAAGAGAGACAG
AGACAAGGAGAAAGCCAGCTCTGACAAGAGTTCCAAGCTAAGGAAAGCTGGAAGAAGGCCGTAGAGACA
AAGGCTGTTTCTAGTAAAGTGGCTGCCAGAGACAAAGACAGGCGAGGAAGAAGCTCCTCTGGGCATGCTC
ACGTCGCCAAGGAAAATGGCCAGAAGAGAAAGA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177855
Insert Size: 738 bp



[View online »](#)

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:	NM_001177855.1 , NP_001171326.1
RefSeq Size:	1960 bp
RefSeq ORF:	738 bp
Locus ID:	65973
UniProt ID:	Q8BSY0
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 (8) lacks much of the 3' coding region and contains different segments for its 3' coding and UTR segments, compared to variant 1. The resulting protein (isoform 8) has a shorter and distinct C-terminus when it is compared to isoform 1.</p>