

Product datasheet for **MC217870**

5730409G15Rik (BC051078) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 5730409G15Rik (BC051078) Mouse Untagged Clone
Tag: Tag Free
Symbol: 5730409G15Rik
Synonyms: 5730409G15Rik; eEF2-KMT; Fam86; Fam86a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC051078
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCAAGAGTCCACCCAGTGCCACCGGAGCTATTTGCTGCCTTCAGGAACTCAGTTACACTCTCTG
 AGAGACTGCCATCGTGCCCATGGCACCACAGGCTTGGTTACATGGGACGCTGCTCTACCTGGCAGA
 ATGGGCCATTGAGAACCAGCAGCCTTCACTGACAGGACTATCCTGGAGCTAGGCAGTGGAGCTGGCCTT
 ACAGGCCCTGGCAATTTGCAAGGCATGCTGCCCCAGAGCATACATCTTCAGCGACTGTCATGCCCAAGTGC
 TTGAGCAGCTCCGTGAAACGTTCTCCTCAACGGCTTCTCCTTAGAGCCGCACACCCCCATTGACGCAGG
 CAGCTCGAAGGTGACAGTGGCTCAGCTGGACTGGGACGAGGTGACAGCCTCTCAGCTCTCTGCCTCCAG
 GCAGATGTTGTCATTGCAGCAGATGACTGACTGCTGGGAGATGACACTGTCAGTGGTCAGGGTCTCTGA
 AGATGCTCGAGGACTGCCAGAGGAAGAGCGCTCCTGATGTCTATGTAGCCTATACTATCCGCAGCCAGGA
 CACAGGCAAGCTGTTTCATCGAAGAGCTGGACCGTGTGGAATCTACTGGGAAGAGGTGCCCCCTCACACT
 GGCAAACCTGTTCCCTTACGAAGAGCATTAGCCATCGTAATCCTGAAGCTGGTGTGACCACTCGCCATG
 GTGTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC051078
Insert Size: 708 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:	BC051078 , AAH51078
RefSeq Size:	1560 bp
RefSeq ORF:	707 bp
Locus ID:	70511
Cytogenetics:	16 2.51 cM
Gene Summary:	Catalyzes the trimethylation of eukaryotic elongation factor 2 (EEF2) on 'Lys-525'. [UniProtKB/Swiss-Prot Function]