

Product datasheet for **MG220886**

Emp3 (NM_010129) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Emp3 (NM_010129) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Emp3
Synonyms: H-4; H4; HNMP-1; MI-35; Ymp
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220886 representing NM_010129
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTACTCCTCCTGTTGGTGGTCTCTGCCCTCCACATCCTATTCTTGTCTTGCTTTTTGTGGCCACTT
TGGACAAGTCCTGGTGGACTCTCCAGACAAAGAGTCCCTGAACCTGTGGTATGACTGCACGTGGAACAC
CACCACCAAACATGGGCTGCAGTAACGTCAGTGAGAATGGCTGGCTGAAGGCAGTGCAGGCGCTCATG
GTGCTGTCTCTCATCCTCTGCTGCTGCTCCTTCATCCTCTTCATGTTCCAACCTACACCATGCGGCGCG
GAGGGCTCTTCTACGCTACCGGCTCTGCCAGCTTGCACCAGTGCAGCTGTGTTCTCCGGGGCACTCAT
CTATGCCATCCACACCGAGGAGATCCTGGCCAAGCACCCGAGTGGGGGCAGCTTCGGTACTGCTTCGCC
CTGGCCTGGGTGGCTTTTCCACTCGCTCTGGTCAGCGGCATTGTCTACATCCACCTGCGGAAACGTGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG220886 representing NM_010129
Red=Cloning site Green=Tags(s)

MSLLLLVVSALHILILVLLFVATLDKSWWTLDPKESLNLWYDCTWNTTQTWACSNVSENGWLKAVQALM
VLSLILCLSFILFMFQLYTMRGGLFYATGLCQLCTSAAVFSGALIIYAIHTEEILAKHPSGGSFGYCF
LAWVAFPLALVSGIVYIHLRKRE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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_010129.2, NP_034259.2</u>
RefSeq Size:	758 bp
RefSeq ORF:	492 bp
Locus ID:	13732
UniProt ID:	<u>O35912</u>
Cytogenetics:	7 29.6 cM
Gene Summary:	Probably involved in cell proliferation and cell-cell interactions.[UniProtKB/Swiss-Prot Function]