

Product datasheet for **MG201408**

Tspo (NM_009775) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tspo (NM_009775) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tspo
Synonyms: Bzrp; IBP; PBR; Tspo1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201408 representing NM_009775
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTGAATCCTGGGTGCCTGCCGTGGGCCTCACTCTGGTGCCAGCCTGGGGGCTTCATGGGAGCCT
ACTTTGTACGTGGCGAGGGCCTCCGGTGGTATGCTGGCTGCAGAAACCCTTTGGCATCCGCCTCGCTG
GACTGGCTCCCATCTGGGGCACACTGTATTCAGCCATGGGGTATGGCTCCTACATAGTCTGGAAAGAG
CTGGGAGGTTTACAGAGGACGCTATGGTTCCTTGGGTCTCACTGGTCAGCTGGCTCTGAAGTGGG
CGTGGCCCCCATCTTCTTTGGTGCCCGCAGATGGGCTGGGCCCTGGCCGATCTTCTGCTGTGCTAGTGG
GGTGGCGACTGCCACAACCCTGGCTTGGCACCGAGTGAGCCCGCCGGCTGCCCGCTTGTGTACCCTTAC
CTGGCCTGGCTGGCTTTTGCCACCGTGCTAACTACTATGTATGGCGTGATAACTCTGGCCGGCAGGGG
GCTCCCGGCTCGCAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201408 representing NM_009775
Red=Cloning site Green=Tags(s)

MPESWVPAVGLTLVPSLGGFMGAYFVRGEGLRWYAGLQKPSWHPPRWTLAPIWGTLYSAMGYGSYIVWKE
LGGFTEDAMVPLGLYTQQLALNWAWPPIFFGARQMGWALADLLL VSGVATATTLAHRVSPPARLLYPY
LAWLAFATVLNYYVWRDNSGRGGSLAE

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja3110_b06.zip



[View online >](#)

Reconstitution Method:

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_009775.2](#), [NP_033905.2](#)

RefSeq Size: 871 bp

RefSeq ORF: 510 bp

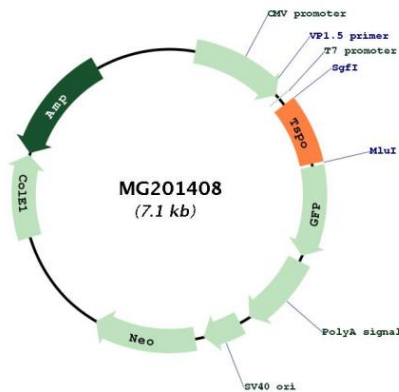
Locus ID: 12257

UniProt ID: [P50637](#)

Cytogenetics: 15 39.4 cM

Gene Summary: Can bind protoporphyrin IX and may play a role in the transport of porphyrins and heme (By similarity). Was initially identified as peripheral-type benzodiazepine receptor; can also bind isoquinoline carboxamides. Promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism (PubMed:9832438, PubMed:24814875), but its precise physiological role is controversial. According to some reports, it is not required for steroid hormone biosynthesis (PubMed:24174323, PubMed:24936060).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG201408