

Product datasheet for MR215800

Dad1 (NM_001113358) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dad1 (NM_001113358) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Dad1
 Synonyms: A1323713
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR215800 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGCGTCTGTGGTGTCCGTCATCTCCCGTTCCTGGAGGAGTACTTGAGCTCCACTCCGCAGCGGC
 TGAAGTTGCTGGACGCCTATCTCCTTTATATACTGCTGACCGGGCGCTGCAGTTCGGCTACTGTCTCCT
 CGTGGGCACCTTCCCTTCAACTCTTCTCTCTGGCTTCATCTTGTGTGGGCAGCTTCACTCCTAGCG
 GTTTGCCTGAGAATACAGATCAACCCCAACAAGCGGACTTCCAAGGCATCTCTCCGGAGCGAGCCT
 TTGCTGACTTCTCTTGGCCAGCAGATCTGCACCTTGTGTCATGAATTCGTTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215800 protein sequence
 Red=Cloning site Green=Tags(s)
 MSASVVSISRFLLEEYLSSTPQRLKLLDAYLLYILLTGALQFGYCLLVGTFPFNSFLSGFISCVGSFIL
 VCLRIQINPQNKADFQGISPERAFADFLFASTILHLVVMNFVG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

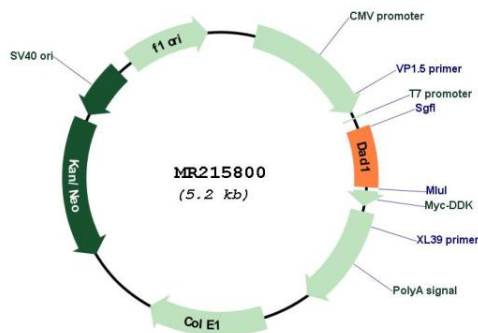


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Locus ID: 13135
UniProt ID: [P61804](#)
Cytogenetics: 14 27.7 cM
MW: 12.5 kDa

Gene Summary: Subunit of the oligosaccharyl transferase (OST) complex that catalyzes the initial transfer of a defined glycan (Glc(3)Man(9)GlcNAc(2) in eukaryotes) from the lipid carrier dolichol-pyrophosphate to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains, the first step in protein N-glycosylation. N-glycosylation occurs cotranslationally and the complex associates with the Sec61 complex at the channel-forming translocon complex that mediates protein translocation across the endoplasmic reticulum (ER). All subunits are required for a maximal enzyme activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR215800