

Product datasheet for **MR204588**

Slain1 (BC025223) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slain1 (BC025223) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slain1
Synonyms:	9630044O09Rik; AA675320; AW742596
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204588 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGATATAAATTACAGGACCTTACTGATGTTTCAGATCATGGCTCGTCTGCAAGAAGAGAGTCTCAGGC
 AAGACTACGCTTCCACGTCAGCATCAGTGTCCAGAAACAGTTCAGTGTATCCCTGAGTTCAGGGAAAAA
 GGGGACATGCAGTGATCAAGAGTATGATCGCTACAGCCTGGAGGACGAGGAAGAGTTTGACCATCTGCCG
 CCACCCAGCCCCGTCTCCGAGGTGTTACCTTTCAAAGAGGGATCCCCACTCACAGACTTTCTCCA
 GCATCCGGGATTGCAGGAGGAGCCCCAGTACCCAGTATTTCCCTCAAATAACTTCCAGCAGCCACAGTA
 TTACCCACCTCAAGCCCAGACTGCAGACCAGCAACCAATAGGACCAATGGAGATAAGCTACGAAGAAGC
 ATGCCTAATCTGGCCCGGATGCCGAGCACCCTGCGGCCAGCAGCAACCTCAGCTCTCCTGTGACAGTGA
 GGAGCAGTCAGAGCTTTGACTCCAGCTTGATGGAGCTGGAAGTGGGTTTCTCGGGTACCGTCTGTCAT
 CCCGTCACCAAGGACAGATTACAGCACAGAGTTCACAGCGTGGGCCACTTCCCAGTGCCCATCCGGCAGCCC
 CTGAAGGCCACAGCCTATGTGAGCCCACTGTTCAAGGCAGCAGCAGCAGCGGCAGCAGTGGTAGCAGCG
 GCGGGCGGCAGCGGCATGCCTTTATCCAATGGCAGCAGTATATTCCACCACGGGCATCCCTACTCC
 GAACAAAGCTGCGGCTTCTGGGATCCTGGGTCGACAGCGCCCTCCGAGACCTTACTGGCAATAAATGGG
 AGTAACCTGCCTCGGAGCAAGATTGCACAGCCTGTCAGAAGCTTCTGTCAGCCTCCAAGCCTCTGTCTT
 CACTCAGCACACTGAGGGATGAAATTGGAGAGACGGTTGCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >MR204588 protein sequence
 Red=Cloning site Green=Tags(s)

MGYKLQDLTDVQIMARLQEEESLRQDYASTSASVSRNSSSVSLSSGKKGTCSDQEYDRYSLEDEEEFDHLP
 PPQPRLPRCSPFQRGIPHSQTFSSIRDCRRSPSTQYFSPNNFQQPQYPPQAQTADQQPNRTNGDKLRRS
 MPNLARMPSTAAASSNLSSPVTVRSSQSFDSLHGAGSGVSRVPSCIPSPGQIQHRVHVSUGHFPVPIRQP
 LKATAYVSPTVQGSSSSSGSSGGGSGMPLSNGTQLYSTTGIPNKAASGILGRSALPRPSLAING
 SNLPRSKIAQPVRSFLLQPPKPLSSLTLRDGNWRDGCY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC025223

ORF Size: 954 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC025223](#), [AAH25223](#)

RefSeq Size: 1213 bp

RefSeq ORF: 956 bp

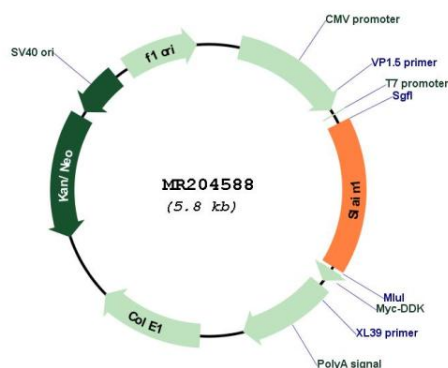
Locus ID: 105439

Cytogenetics: 14 E2.3

MW: 34.1 kDa

Gene Summary: Microtubule plus-end tracking protein that might be involved in the regulation of cytoplasmic microtubule dynamics, microtubule organization and microtubule elongation.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204588