

Product datasheet for **MC205300**

Slx4 (NM_177472) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slx4 (NM_177472) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slx4
Synonyms: AI256635; AI426760; Btbd12; D16Bwg1016e
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC065125

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Restriction Sites:	Ascl-NotI
ACCN:	NM_177472
Insert Size:	4698 bp
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:	<u>BC065125</u> , <u>AAH65125</u>
RefSeq Size:	5732 bp
RefSeq ORF:	4698 bp
Locus ID:	52864
UniProt ID:	<u>Q6P1D7</u>
Cytogenetics:	16 2.34 cM
Gene Summary:	This gene encodes a protein containing a BTB (POZ) domain that comprises a subunit of structure-specific endonucleases. The encoded protein aids in the resolution of DNA secondary structures that arise during the processes of DNA repair and recombination. Knock out of this gene in mouse recapitulates the phenotype of the human disease Fanconi anemia, including blood cytopenia and susceptibility to genomic instability. [provided by RefSeq, Dec 2013]