

Product datasheet for **SC327716**

KDM5D (NM_001146705) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: KDM5D (NM_001146705) Human Untagged Clone
Tag: Tag Free
Symbol: KDM5D
Synonyms: HY; HYA; JARID1D; SMCY
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001146705 edited
 ATTTTTATCTTGCTTTTTTCGTTCTGTCGCAGTACTGTTTAAATAGAGTCCAGCGACGGCT
 CTGTGACTGTTTTCTCTGGTAAAATCGCTCTTGCCTCCTCAGCGTTTATCTCAGGTGCG
 GAAGGTCTCACAGGTTTGGAAATAGCGCCGAAAAATCGATCCGCGGAGTGAGACGGCTC
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TATTCATTCCAAAGAATTTGGCAGTGGCTTTCCTGTCAGCAATAGCAAACAAAATTATC
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TCCCTTGGGTCTTATTATAAAGAAGACAATGTACGTTGAATTACAAAAAGAATAGG
GAAAAACAAGAATTCATGACTCTACCTGTGGTCTATCTTAATTCATTTCTTTGTGA
AAAA
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| Restriction Sites: | Please inquire |
| ACCN: | NM_001146705 |
| Insert Size: | 5500 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). |
| OTI Annotation: | The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001146705.1. |
| 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_001146705.1</u> , <u>NP_001140177.1</u> |
| RefSeq Size: | 5595 bp |
| RefSeq ORF: | 4713 bp |
| Locus ID: | 8284 |
| UniProt ID: | <u>Q9BY66</u> |
| Cytogenetics: | Yq11.223 |
| Protein Families: | Druggable Genome, Transcription Factors |

Gene Summary:

This gene encodes a protein containing zinc finger domains. A short peptide derived from this protein is a minor histocompatibility antigen which can lead to graft rejection of male donor cells in a female recipient. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).