

Product datasheet for SC317629

SDR42E1 (NM_145168) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SDR42E1 (NM_145168) Human Untagged Clone
Tag:	Tag Free
Symbol:	SDR42E1
Synonyms:	HSPC105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317629 representing NM_145168. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGACCCAAAAGATCTCAAAAGGAAAGTGCTCATTACAGGAGGAAGTGGCTATTTTGGTTTTTCGC
 CTGGGCTGTGCCCTGAACCAAAATGGAGTCCATGTGATTCTGTTGACATCAGCAGCCCTGCTCAAAACC
 ATTCCAGAAGGAATCAAGTTTATACAAGGAGACATCCGCCACCTGTCTGACGTAGAGAAAGCCTTCCAG
 GATGCAGACGTCACCTGTGTGTTCCATATTGCCTCTTATGGTATGTCAGGGCGGGAGCAACTCAATCGA
 AACCTGATCAAAGAAGTCAACGTCAGGGGCACAGACAACATCCTCCAGGTTTGCCAAAGGAGAAGGGTG
 CCCAGGTTAGTTTACACCAGCACTTTCAATGTCATCTTTGGAGGTCAAGTTATCAGAAATGGGGATGAA
 TCTCTGCCCTACCTGCCTCTTACCTCCACCCTGATCACTACTCTCGGACAAAGTCAATTGCAGAGCAG
 AAGGTGCTGGAGGCGAATGCTACACCCCTGGACAGAGGCGACGGTGTCTTAAGAACCTGCCTCTGAGG
 CCAGCTGGCATCTATGGGCTGGAGAACAAGACACCTTCCCAGGATAGTCAGCTACATCGAAGGGT
 CTGTTCAAGTTTGTCTACGGGGACCCAGGAGCCTGGTTGAGTTTGTCCACGTGGATAAATTGGTGCAG
 GCTCACATTCTGGCCTCAGAAGCCCTGAGAGCTGACAAGGGCCATATTGCCTCTGGGCAGCCCTACTTC
 ATCTCAGATGGCAGACCCGTGAACAACCTTGTAGTTCTTCCGGCCTCTGGTTGAGGGCCTGGGCTACACA
 TTCCCGTCTACCCGCCTGCCATTGACCTTGGTCTACTGCTTTGCTTTTCTAACAGAGATGGTTCATTTC
 ATTTTGGGTCGACTCTACAACCTCCAGCCCTTCTCACTCGCACTGAAGTTTACAAAACCTGGTGTACA
 CATTATTTTAGCTTAGAGAAAGCCAAGAAAGAGCTAGGTTATAAGGCTCAGCCATTGACCTCCAGGAA
 GCAGTGAATGGTTTAAAGCCCATGGTCATGGCAGAAGTCTGGAAGTCGTGACTCGGAGTGTTTGT
 TGGGATGGGCTATTGGTCTTCTCTCTGATTATAGCAGTTCTCATGTGGCTGCCTTCTTGTGATTCTG
 TCACTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_145168
Insert Size:	1182 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_145168.2</u>
RefSeq Size:	2792 bp
RefSeq ORF:	1182 bp
Locus ID:	93517
UniProt ID:	<u>Q8WUS8</u>
Cytogenetics:	16q23.3
Protein Families:	Transmembrane
MW:	44.3 kDa