

Product datasheet for SC322169

C14orf124 (SDR39U1) (NM_020195) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: C14orf124

Synonyms: C14orf124; HCDI

Mammalian Cell Selection: Neomycin

Vector: pCMV6-AC (PS100020)

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322169 ACTTTACGCAGGCGCTTAGGTCCTAGTCGCTATGCGTGTGCTTGTGGGTGGCGGGACAG GCTTCATTGGGACAGCCCTAACCCAGCTGCTGAATGCCAGAGGCCACGAAGTGACGTTGG TCTCCCGAAAGCCCGGGCCCGGATCACGTGGGATGAGCTCGCTGCATCGGGGCTGC CGAGCTGCGATGCCCGCTCAACCTGGCCGGAGAGAACATCCTCAACCCTCTCCGAAGAT GGAATGAAACCTTCAAAAAGAGGTTCTCGGCAGCCGCCTAGAGACCACCAATTGCTGG CTAAAGCCATCACCAAGCCCCACAACCCCCAAGGCCTGGGTCTTAGTCACAGGTGTAG CTTACTACAGCCAGTCTGACTGCGGAGTATGATGAAGACAGCCAGGAGGGGACTTTG ACTTTTTCTCAACCTCGTAACCAATGGGAAGCTGCAGCCAGGCTTCTGGAGATTCTA CACGCCAGGTGGTGGTGCCTCAGGGGTTGTGCTGGGCCGTGGGGTGGTGCATGGGCC ACATGCTGCTGCCCTTTGCGCTGGGCCTGGGGGGCCCCATCGGCTCAGGCCACCAATTCT TCCCCTGGATACACATCGGGGACCTGGCAGGAATCCTGACCCATGCCCTTGAAGCAAACC ACGTGCACGGGGTCTGAATGGAGTGGCTCCATCCTCCGCACTAATGCTGAGTTTGCCC AGACCTTCGGTGTGCCCTGGGCCGCCGAGCCTTCATCCCTCTCCCAGCGCTGTGGTGC AAGCTGTCTTTGGGCGACAGCGTGCCATCATGCTGCTGGAGGGCCAGAAGGTGATCCAC GGCGAACACTGGCCACTGGCTACCAGTATTCTTCCCAGAGCTAGGGGCTGCCTTAAAGG AAATTGTAGCCTAAGTAGGTATGGCAAGGGCCTGAGGCCTGTTCTCACAGGCTTCCAG GTTAGGCACTGTGAATAGGCTCAGCTCCTCTAGAGAGCTGAAGCCATCTGGTCTTAGAT TCCTCTCCCAGTCTCTTTCCCATTTGTTGTTGCTCCACCTTATTGTCTCAAGGCCGTA ATCTCATCAGGTTGGGACATTAATCTTTTCAACTCCTTGTAAGATTCCCGGTTTGGTTT CTCTACATGTCTGCAGCTGCCCACTTCTCCTTTACGCTGTGTAGAGAATGCTCTGCAG TTTAGGCAATAAAAATAAATTGTCTCACTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020195



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020195.2, NP_064580.2</u>
RefSeq Size:	1247 bp
RefSeq ORF:	882 bp
Locus ID:	56948
UniProt ID:	<u>Q9NRG7</u>
Cytogenetics:	14q12
Gene Summary:	This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) superfamily, which includes both classical and extended types. The encoded protein represents an extended type, with similarity to epimerases. Alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Mar 2014] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform 1).