

Product datasheet for SC306081

C14orf148 (NOXRED1) (NM_138791) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf148 (NOXRED1) (NM_138791) Human Untagged Clone
Tag:	Tag Free
Symbol:	C14orf148
Synonyms:	FLJ32809
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306081 representing NM_138791. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGACATGCTCCAGGACCTTGAGTCCCTGCAGTTTGTAGTATGGGGTTCCAGAGGAAGATCGTATCTGG
 CTGTATTTGCAGGGCCGTTCTCGGGGACTGATGATCGAGGCTTGTGCCCATGCAACCTTCTTCTGCAAA
 CTATTATATAATTTGAGAGCATCATTAAATAAGAATCAAAGTTCCAGACATCTCTCAATTGGCTCCCTT
 AATTCAGCCACTCCTGAAGAGTTTAAGGTGGGCATCATTGGAGGTGGCCACCTTGGGAAGCAGCTGGCT
 GGCACACTGCTGCAGCTTGGCCCCATCCCTGCTGAAAGCCTGCGGATCTCCACTCGGAGGCCAGAGACT
 CTGGGTGAGCTCCAGAAGCTGGGAATCAAATGCTTTTACCATAACGCTGATCTGGTGAGTTGGGCCGAT
 GTGATATTCCTCTGCTGCTTGGCGTCTCAGCTGCCTAATATCTGCGTAGAAATTTACACCAGCCTTGAG
 AAGGCCAGCATTGTGTACAGCTTTGTAGCTGCCATCCCACTACCCAGGCTGAAACTACTGTTGAACCAC
 ACCAATATCTTGGCGCCTCAGTATCAGTATGATGAAGATTCTGTACAGCTCTGGGGGGCCAATAAGGGA
 GTCATAGCTGCTCTCAAGATCCTACGATTCTTCAAGTACCTGTCCCTACAGTCTGCTGGTCACGGC
 TCAACATATTTCTGGCATTCTTTTGAATACTTTCTGTTGGCCATTGCTATCTTATTA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_138791
Insert Size:	753 bp


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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_138791.1</u>
RefSeq Size:	753 bp
RefSeq ORF:	753 bp
Locus ID:	122945
Cytogenetics:	14q24.3
MW:	27.9 kDa
Gene Summary:	Probable oxidoreductase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region that results in a novel exon segment and early termination codon, compared to variant 1. The encoded protein (isoform 2) is shorter and contains a different C-terminus, compared to isoform 1.