

Product datasheet for SC113282

GFOD1 (NM_018988) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GFOD1 (NM_018988) Human Untagged Clone
Tag:	Tag Free
Symbol:	GFOD1
Synonyms:	ADG-90; C6orf114
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018988, the custom clone sequence may differ by one or more nucleotides

ATGCTTCCCGGGTGGCGTGTTTCGGCACCAGCCTCACGGCCCGTGTCATCATCCCGCTGCTGAAAGACG
 AGGGCTTCGCGGTGAAGGCGCTGTGGGGCCGACGCAGGAAGAAGCGGAGGAGCTGGCCAAGGAGATGAG
 TGTCCCCTTCTACACTAGCCGATTGATGAGGTGCTGCTGCATCAGGACGTGGACTTGGTGTGCTTAAC
 CTGCCGCCGCCCTCACCAGACAGATCGCTGTCAAACCCTAGGCATCGGCAAGAAGCTCATCTGCGACC
 GCACGGCCACGCCGCTGGACGCTTCCGCATGACCTCGGCCGCCCACTACTACCCAAGCTCATGAGCAT
 CATGGGCAACGTGCTGCGCTTCTGCGGCTTTCGTGCGCATGAAGCAGCTGATCGAGGAGGGCTACGTG
 GCGGAGCCGCTGGTGTGTGAGGTGCAGGTGCACGGCGGCAGCCTGCTGGGCAAGAAGTACAAGTGGAGCT
 GCGACGACTTGATGGGCGGCGGCGGCTGCACTCCGTGGGCACCTACATCATCGACCTGCTCACCTTCTCT
 CACCGGCCAAAAGGCCGTCAAGGTCCACGGGCTGCTCAAGACCTTCGTGAAGCAGACTGACCACATCAAG
 GGCATCCGACAGATCACCAGCGATGACTTCTGCACCTTCAGATGGTGTGGAGGGCGGGGTGTGCTGCA
 CCGTCACCCTCAACTTCAACGTGCGCGGCGAGTTCAAGCAGGATGTCACCTGTGGTGGGCTCAGCCGGGCG
 CCTGCTGGCCGTGGGCACCGACCTGTACGGGCAGCGCAACAGCGCCCCGAGCAGGAGCTGCTGGTGCAG
 GACGCCACGCCGTGAGCAACTCCCTGCTTCCGGAGAAGGCCCTCAGCGACATCCCCTCGCCCTACCTGC
 GCGGCACCATCAAGATGATGCAGGCGGTGCGCCAGGCCTTCAGGACCAGGACGACCGGCGCACGTGGGA
 TGGGCGGCCCTCACCATGGCCGCCACCTTCGACGACTGCCTGTATGCCTTGTGCGTGGTGGACACCATC
 AAGAGGTCCAGCCAGACGGCGAGTGCGCAGAACATTGCCATCATGACCGAGGAGCCGGAGCTGAGCCCCG
 CCTACCTGATCAGCGAGGCCATGCGCCGACGAGGATGTCCCTCTACTGTTAG


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018988 unedited CATTTTGTAAACGACTCACTATAGGGGCGGCCGATTCCGGCACGAGGGCCTGGGGCCG AGGCCGCCGAGCCGCGAGGCGAGCGAACATGGCAGCAGAATGAGGAGGCTGGCGCCGGG TCGTGGCCGCGCTGCCGCGCTGCAGCTCGGGATCCCAGTCCGGCGCGCTCCGGGCCGCA TCCTTAGCCGGCTCCTGGCGGCCGCGGATTATTTATTCCCAACGGAGAGCTAGGGAG AAAGGAGACTCCCCGCGGAGCGGTTCCGTGCTCTGGCAGGGTGTAGACGTTTGTCTGTG CGATTGCGCGGCTGCGCAAACGACGCGGGAGAGAGCCGGTCCCGGGCTGCGCGGCGCGG CCGCGGGGATGAGCCGGCCATGGAGCGGCCTTGGCGGGGCGCACGTAGCGTACTGGCGCT GCCGCGGAGCGCAGCCTGAGCCGGGGCTCCAGGGGGCTTCAAGCCTCCGGCGCCCTGG GGGGTCCCTGCCGCGACTCCGGGAAGGACGCGAGCCCCGCGTGGCGGACACTGCCGCA GTCACCGTTCTGAGGCGCCCCGAGCTTGCTCCGCTGCAGCTCGGTGCGCTCTGGCACC CGGGCGCCTTGCCCGGTGCACGGCGGCTGGCGCACCGCGCTAGATTGGTACAGGAGCG GNGTGCAGGACTGGCTANAGGTGGGTGTGTGCGCGCTTGGACTGGAGATCCGAGCAGAA GCAGAACCAGGCGGCTCTGAGCAGCCATGCTTCCCGGGTGGGGCGTGTGCGCACAGCC TCACGGNCCGTGTCATCATCCCCTGCTGAAAGACGAGGGCTTCNCGGTGAAGGCCTGT GGGGCCGACGCCAGAAGAAACGAGGAGCTGGCCAAGGANAATGAGTGTCCCCTCTC ACTAGCCGCTTGATTAAGGTGCTGCTGATTACAGGACCTGGNCACTTGGTGGGCATTAAC CCTGCGCGCGCCCTCACC
Restriction Sites:	NotI-NotI
ACCN:	NM_018988
Insert Size:	2820 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:	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_018988.1</u> , <u>NP_061861.1</u>
RefSeq Size:	3033 bp
RefSeq ORF:	1173 bp
Locus ID:	54438
UniProt ID:	<u>Q9NXC2</u>
Cytogenetics:	6p23
Domains:	GFO_IDH_MocA, GFO_IDH_MocA_C