

Product datasheet for **SC324344**

IAH1 (NM_001039613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IAH1 (NM_001039613) Human Untagged Clone
Tag:	Tag Free
Symbol:	IAH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001039613, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCTGTGCGAGGCCGCGGGCTGCGGGAGTGCCCTGCTCTGGCCTCGCTTGTGCTCTTCGGGGACT
CCATCACCCAGTTTTCTTCCAGCAGGGTGGATGGGGAGCATCGCTGGCTGACAGGCTGGTCAGAAAATG
TGATGTTCTGAATCGTGGATTTTCAGGTTACAATACCAGGTGGGCCAAAATTATCCTTCCAAGATTAATC
AGGAAAGGAAACAGTTTGGACATCCCAGTAGCAGTTACAATTTCTTTGGGGCCAATGACAGTGCCTAA
AAGATGAGAATCCAAGCAGCACATCCCCTGGAGGAGTACGCTGCGAACCTAAAGAGCATGGTGCAGTA
CCTGAAGTCCGTGGACATCCCTGAGAATCGAGTCATTCTCATCAGCCGACCCCACTTTGTGAAACAGCC
TGGGAAGAACAGTGCATCATACAAGTTGCAAACTAAATCGCTGAACTCTGTTGTTGGTGAATATGCCA
ATGCGTGTTTACAAGTGGCCCAAGACTGTGGGACTGACGTACTTGACCTGTGGACCCTGATGCAGGACAG
CCAGGACTTCTCATCTTATTTATCAGATGGACTACATTTGTCTCAAAGGGGAATGAATTTTTGTTCTCG
CATCTCTGGCCTTTGATAGAGAAAAAGGTCTTCTCTACCTTTGCTGCTTCTTACTGGCGGGATGTAG
CAGAAGCAAACCTGAATTAAGTCTGCTGGGAGATGGAGACCATTAG
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Restriction Sites:	Please inquire
ACCN:	NM_001039613
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.



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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_001039613.1, NP_001034702.1</u>
RefSeq Size:	951 bp
RefSeq ORF:	747 bp
Locus ID:	285148
UniProt ID:	<u>Q2TAA2</u>
Cytogenetics:	2p25.1
Gene Summary:	Probable lipase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).