

Product datasheet for **RG232243**

KHDC1 (NM_001251874) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: KHDC1 (NM_001251874) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: KHDC1
Synonyms: bA257K9.4; C6orf147; C6orf148; Em:AC019205.8; KHDC1L; NDG1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG232243 representing NM_001251874
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTCGGCCTTCCAGAGGCTGTTCCGAGTCTATTTGTGATTGAAACAGTCTCAGAATACGGAGTCC
TGATCTTCATTTATGGATGGCCCTTCTCCAGACCCTTGCATGCTCCTGATCGGGACAGTGTCTTTCCA
CCTTTGGATCCGCAGAAATCGAGAGAGAACTCAAGGAGCGGAAAGACTAGATGCCGATCCAAAAGTTCG
GAGCAGAGCATGGACATGGGAACGAGTGTCTCAGCAAGAAGCCGTGGTGGACCTGCCTCAAACTTTC
ATGCACCAATGGTGTTCACATGGAAGAGGACCAGGAGGAGCTCATCTTCGGGCATGGTACACATACCT
TCGCTGCATTGAGGTGCACAGCCACACCCTTATTCAGCTGGAGAGTTGGTTCACAGCTACAGGCCAGACT
CGTGTGACTGTAGTCGGACCACACAGGGCAAGGCAAGTGGCTGCTGCACATGTTTTGTTGTGGGGAGCC
AGGACTCCTATCATGCTCGAGGCCCTGGAGATGCTGGAACGTGTCCGAAGCCAGCCTCTGACCAACGA
TGACCTGGTCACTCCATTAGTGTGCCACCATACTGGAGACCTGTCTTTGGCTCCCAGGATAAGTGGA
ACCGTGTGCTTAGCGTTCCTCAGCCTCCCTTACCAAGTATTGGTTGTTCCGGTTCCATTTGAGTT
CACTGTATCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232243 representing NM_001251874
Red=Cloning site Green=Tags(s)

MLSAFQRLFRVLFVIETVSEYGVLIIFIYGWPFQLTAMLLIGTVSFHLWIRRNRRNSRSGKTRCRSKRS
 EQSMDMGTSALSKKPWWTL PQNFHAPMVFHMEEDQEELIFGHGDTYLRCEVHSHTLIQLESWFTATGQT
 RVTVVGPHRARQWLLHMFCCVGSQDSYHHARGLEMLERVRSQPL TNDL VTSISVPPYTGDL SLAPRISG
 TVCLSVQPSPYQVIGCSGFHLSL LYP

TRTRPLE - GFP Tag - V

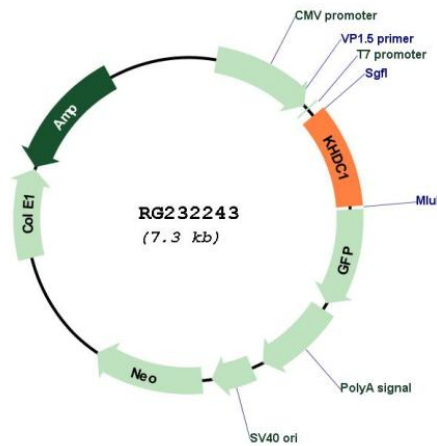
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001251874

ORF Size: 711 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001251874.2
RefSeq Size:	1443 bp
RefSeq ORF:	714 bp
Locus ID:	80759
UniProt ID:	Q4VXA5
Cytogenetics:	6q13
Protein Families:	Transmembrane