

Product datasheet for RC208523

HM74 (HCAR3) (NM_006018) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HM74 (HCAR3) (NM_006018) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HCAR3
Synonyms:	GPR109B; HCA3; HM74; Puma-g; PUMAG
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC208523 representing NM_006018 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATCGGCACCATCTGCAGGATCACTTTCTGGAAATAGACAAGAAGAACTGCTGTGTGTTCCGAGATG
ACTTCATTGCCAAGGTGTTGCCCGGTGTTGGGGCTGGAGTTTATCTTTGGGCTTCTGGGCAATGGCCT
TGCCCTGTGGATTTTCTGTTTCCACCTCAAGTCCTGAAAATCCAGCCGGATTTTCTGTTCACCTGGCA
GTAGCTGACTTTCTACTGATCATCTGCCTGCCGTTCTGTGATGGACTACTATGTGCGGCGTTCAGACTGGA
AGTTTGGGGACATCCCTTGCCGGCTGGTCTTTCATGTTTGCCATGAACCGCCAGGGCAGCATCATATT
CCTCACGGTGGTGGCGGTAGACAGGATTTCCGGGTGGTCCATCCCCACCACGCCCTGAACAAGATCTCC
AATTGGACAGCAGCCATCATCTTGCCTTCTGTGGGCACTACTGTTGGCCTAACAGTCCACCTCCTGA
AGAAGAAGTTGCTGATCCAGAATGGCACTGCAATGTGTGCATCAGTTCAGCATCTGCCATACCTTCCG
GTGGCAGGAAGCTATGTTCTCTGGAGTTCCTTCCGCGGATCATCCTGTTCTGCTCAGCCAGA
ATTATCTGGAGCCTGCGGCAGAGACAAAATGGACCGCATGCCAAGATCAAGAGAGCCATCACCTTTCATCA
TGGTGGTGGCCATCGTCTTTGTATCTGTTTCTTCCAGCGTGGTGTGCGGATCCACATCTTCTGGCT
CCTGCACACTTCGGGCACGCAGAATTGTGAAGTGTACCGCTCGGTGGACCTGGCGTCTTTATCACTCTC
AGCTTCACCTACATGAACAGCATGCTGGACCCCGTGGTGTACTACTTCTCCAGCCATCCTTTCCAACT
TCTTCTCACTTTGATCAACCGTGCCTCCAGAGGAAGATAACAGGTGAGCCAGATAATAACCGCAGCAC
GAGCGTCGAGCTCACAGGGGACCCCAACAAAACAGAGGCGCTCCAGAGGCGTTAATCGCCAACCTCCGGT
GAGCCATGGAGCCCTCTTATCTGGGCCAACCTCAAATAACCATTCCAAGAAGGACATTGTCACCAAG
AACCGCATCTCTGGAGAAACAGTTGGGCTGTTGCATCGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC208523 representing NM_006018
 Red=Cloning site Green=Tags(s)

MNRHHLQDHFLEIDKKNCCVFRDDFIKVLPPVLGLEIFGLLGNGLALWIFCFHLKSWKSSRIFLFLNLA
 VADFLLIICLPFVMDYYVRRSDWKFGDIPCRLVLFMFAMNRQGSIIIFLTVVAVDRYFRVVHPHALNKIS
 NWTAAIISCLLWGITVGLTVHLLKLLIQNGTANVCISFSICHTFRWHEAMFLEFFLPLGIILFCSAR
 I IWSLRQRQMDRHA KIKRAITFIMVVAIVFVICFLPSVVVRIHIFWLLHTSGTQNCDEVYRSVDLAFFITL
 SFTYMNSMLDPVYYYFSSPSFPNFFSTLINRCLQRKITGEPDNNRSTSVELTGDPNKTRGAPEALIANSG
 EPWSPSYLGPTSNNHKKGHCHQEPASLEKQLGCCIE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

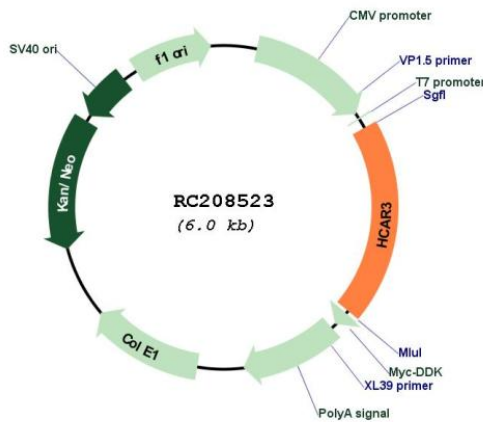
Chromatograms: https://cdn.origene.com/chromatograms/mk8121_b05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_006018
ORF Size:	1161 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.
RefSeq:	NM_006018.3
RefSeq Size:	2152 bp
RefSeq ORF:	1164 bp
Locus ID:	8843
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	44.9 kDa