

Product datasheet for RR213225

Hagh (NM_033349) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hagh (NM_033349) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hagh
Synonyms:	Glo2; RSP29
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR213225 representing NM_033349 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGCTGGGTCGCGGGTCGCTGTGCCTCCGGAGCCTGTCAGTGCTGGGAGCCGCTGCGCGCCCGG
GTCTGGGTGAGGCTCTGCTGGGACTCTCTCTGTACACAGACTTCAGGAAGAATCTGACCGTGCAGCA
AGACATGATGAAGATCGAACTACTGCCTGCCCTGACTGACAACATACATGTACCTGATCATTGATGAGGAC
ACCCAGGAGGCCGCCGTTGTGGACCCAGTGCAGCCACAGAAGTTATAGAACTGTGAAAAAGCACCGTG
TGAAGCTGACCACAGTGCTCACCCTCACCACCCTGGGACCACGCTGGTGGGAACGAGAAGTTGGTGAA
GCTGGAACCTGGGCTGAAGGTTTATGGAGGTGATGACCGCATTGGGGCCTTGACCCACAAGGTCACACAC
CTTTCCACACTGCAGGTGGGCTCTCAGTGTCAAATGTCTGTCAACACCCTGCCATACTTCAGGGCACA
TCTGTTACTTTGTGAGCAAGCCTGGTAGCTCAGAGCCTTCTGCTGTGTTACAGGTGACACATTGTTTGT
TGCTGGCTGTGGGAAGTTCTATGAGGGAACCGCAGACGAGATGTACAAGGCGCTGCTTGAAGTCTTAGGC
CGGCTTCTCCAGACACAAAAGTCTACTGTGGCCATGAATACACCGTAAACAACCTTAAGTTTGCAGGCC
ATGTGGAGCCCGCAATACCGCGTTCAAGAGAACTGGCCTGGGCCAAGGAGAAGAATGCCATCGGGGA
GCCACGGTGCCATCCACCCTGGCAGAGGAGTTCACTTACAACCCCTTATGAGAGTGAAGGAGAAGACC
GTGCAGCAGCACGCTGGAGAGACCACCCTGTGACCACCATGAGGGCCATCCGCAGGGAGAAGACCAGT
TTAAGGTGCCTCGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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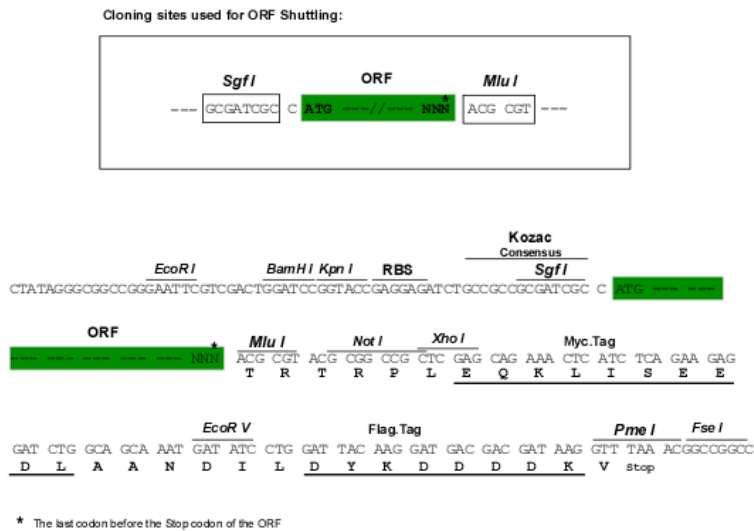
Protein Sequence: >RR213225 representing NM_033349
Red=Cloning site Green=Tags(s)

MVLGRGSLCLRSLSVLGAACARRGLGQALLGLSLCHTDFRKNLTVQQDMMKIELLPALTDNYMYLIIDED
 TQEAADVDPVQPQKVIETVKKHRVKLTTVLTHHHWDHAGGNEKLVKLEPGLKVYGGDDRIGALTHKVTH
 LSTLQVGSLSVKCLSTPCHTSGHICYFVSKPGSSEPSAVFTGDTLTVAGCGKFYEGTADEMYKALLEVLG
 RLPPDTKVYCGHEYTVNNLKFARHVEPGNTAVQEKLAWAKEKNAIGEPTVPSTLAEFEYTPFMRVKEKT
 VQQHAGETDPVTTMRAIRREKDKQFKVPRD

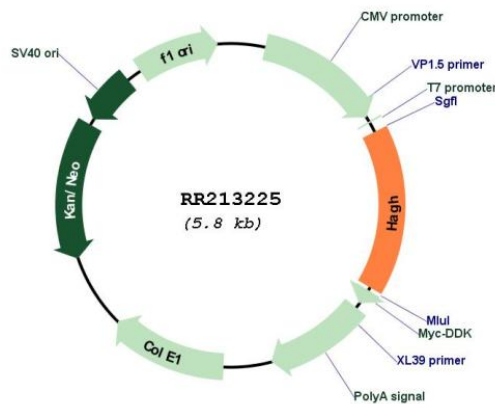
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_033349

ORF Size: 927 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_033349.2 , NP_203500.2
RefSeq Size:	1136 bp
RefSeq ORF:	930 bp
Locus ID:	24439
UniProt ID:	O35952
Cytogenetics:	10q12
MW:	34.2 kDa
Gene Summary:	thiolesterase that catalyzes the hydrolysis of S-D-lactoyl-glutathione; may be involved in the regulation of spermatogenesis [RGD, Feb 2006]