

Product datasheet for **RG213058**

HHIPL1 (NM_032425) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HHIPL1 (NM_032425) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HHIPL1
Synonyms:	KIAA1822; UNQ9245
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG213058 representing NM_032425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCGGCCAGGGCCGGGGCGCTGCTGGCGCTTTGGGTGCTCGGGGCCCGCCGCATCCGCAGTGCC
 TGGACTTCAGGCCGCCCTTCCGGCCGACGACGCCGCTGCGCCTCTGCGCGCAGTACTCGGACTTCGGCTG
 CTGCGATGAGGGGCGCGACGCCGAGCTGACCCGCCGCTTCTGGGCCCTGGCGAGCCGCTGGACGCCGCC
 GAGTGGGCCCGCTGCGCCGGCTACGCGAGGGACCTGTTGTGCCAGGAATGCTCGCCGATGCAGCCACC
 TCTATGACGCCGAGGACCATTACGCCCTGCGCACGGTGCCCGGGCTCTGCCAGGATTACTGCCTGGA
 CATGTGGCATAAGTGCCGGGGCTGTCCGTCACTGTCAACTGACCAGGAGCTCTGGGCGCTGGAGGGC
 AACCTTGCAGGTTCTGCCGCTACCTGTCCATGGATGACACGGACTACTGCTTCCCTTACCTGCTGGTCA
 ACAAGAACCTCAACTCAAACCTGGGCCACGTGGTAGCCGATGCCAAGGGTGCCTGCAGCTGTGCCTGGA
 GGAGTGGCCAACGGGCTGCGCAACCCCGTGGCCATGGTCCATGCCAGGGATGGCACCCACCGCTTCTTC
 GTGGCCGAGCAGGTGGGGCTGGTGTGGGCTACCTGCCCGACCGCTCGAGGCTGGGAAGCCTTTCCTGA
 ACATCAGCCGGGTGGTGCTCACCTCGCCCTGGGAGGGTACGAGCGTGGCTTCTGGGCATTGCCTTCCA
 CCCCAGCTTCCAGCACAACCGCAGGCTCTACGTCTACTACTCAGTGGGTATCCGCAGCAGTGAAGGATC
 CGCATCAGCGAGTTCAGAGTCTCCGAGGATGACGAGAACGCCGTGGACCACAGCTCTGAGAGGATAATCC
 TGGAGGTCAAAGAACCAGCCTCAAACCACAACGGGGGCCAGTGCCTTTCGGGGATGACGGGTACCTCTA
 CATCTTCACTGGAGATGGCGGGATGGCCGAGACCCCTTTGGGACATTTGGAAATGCCAAAAACAAGTGC
 GCGTCTGGGCAAGGTGCTGCGCATCGACGTGGACCGTAAGGAGCGCGGCTGCCCTACGGCATCCCGC
 CCGACAACCCGTTCTGGGGCAGCCCGCGGCGCAGCCGAGGCTACGCCCTGGGCGTGGCAACATGTG
 GCGCTGCTCCTTCGACCGTGGCGACCCCTCCTCGGGCACTGGCCGCGGGCGCTTCTGCGGCGACGTG
 GGCCAGAACAAGTTCGAGGAGGTGGACGTGGTGGAGCGCGCGGCAACTATGGTGGCGCGCGCGAAG
 GGTTCGAGTGCTACGACCGCAGCCTGTGCGCCAACACCTCTCTCAATGACTTGCTGCCGATTTTCGCTA
 CCCGCACACGGTTGGCAAGTCCGTCACAGGGGGCTACGTGTACCGGGGCTGCGAGTACCCCAACCTGAAC
 GGCCTCTACATTTTGGGATTTTCATGAGCGGGCTGTGATGTCCCTCCAAGAGAACCAGGGACAGGCC
 AGTGGCAGTACAGTGAGATCTGCATGGGCCACGGCCAGACCTGTGAGTTCACAGGCTCATCAACAATA
 CTACCCGTACATCATCTCCTTCGGGGAGGACGAGGCCGGGAGCTGTACTTTCATGTGCAGGGGAGCCG
 AGTGCCACAGCTCCACGGGAGTTGTCTACAAAATAATTGACGCATCCAGCTGTAAGGCCAGAAGCGCCA
 TGCCCGGCTATGTCCAGCTCCTCCGTGTGCAGCTCATTGACGTCTCAGCCGTTCAATTTACAGTGGT
 GAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG213058 representing NM_032425
 Red=Cloning site Green=Tags(s)

MARARAGALLALWVLGAAHPQCLDFRPPFRPTQPLRLCAQYSDFGCCDEGRDAELTRRFWALASRVDA
 EWAACAGYARDLLCQECSFYAAHLYDAEDPFTPLRTVPGLCQDYCLDMWHKCRGLFRHLSTDQELWALEG
 NLARFCRYLSMDDTDYCFPYLLVNKNLNSNLGHVVADAKGCLQLCLEEVANGLRNPVAMVHARDGTHRFF
 VAEQVGLVWAYLPDRSRLGKPFLLNISRVVLTSPWEGDERGFLGIAFHPSFQHNRRLYVYYSVIRSEWI
 RISEFRVSEDDENAVIDHSSERIILEVKEPASNHGGQLLFGDDGYLYIFTGDGGMAGDPFGTFGNAQNK
 ALLGKVLRIDVDRKERGLPYGIPDPNPFVGDPAAPQPEVYALGVRNMWRCSFDRGDPSSGTGRGRLFCGDV
 GQNKFEEDVVERGGNYGWRAREGFECYDRSLCANTSLNDLLPIFAYPHTVGKSVTGGYVYRGCEYPNLN
 GLYIFGDFMGRMLSLQENPGTQWQYSEICMGGHQTCEFPGLINNYYPYIISFGEDEAGELYFMSTGEP
 SATAPRGVYVKIIDASSCKARSAMPGYVPAPSVCSLTSQPFILQWKK

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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_032425.3 , NP_115801.2
RefSeq Size:	2253 bp
RefSeq ORF:	1827 bp
Locus ID:	84439
UniProt ID:	Q96JK4
Cytogenetics:	14q32.2
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a protein that belongs to the glucose/sorbose dehydrogenase family. The encoded protein also contains a domain that binds folate and reduced folic acid derivatives. [provided by RefSeq, Jul 2016]