

Product datasheet for **RG226164**

HHIPL1 (NM_001127258) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HHIPL1 (NM_001127258) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG226164 representing NM_001127258
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCGGGCCAGGGCCGGGGCGCTGCTGGCGCTTTGGGTGCTCGGGGCCCGCCGCATCCGCAGTGCC
 TGGACTTCAGGCCGCCCTTCCGGCCGACGACGCCGCTGCGCCTCTGCGCGCAGTACTCGGACTTCGGCTG
 CTGCGATGAGGGGCGCGACGCCGAGCTGACCCGCCGCTTCTGGGCCCTGGCGAGCCGCTGGACGCCGCC
 GAGTGGGCCGCGTGCGCCGCTACGCGAGGGACCTGCTGTGCCAGGAATGCTCGCCGATGCAGCCCACC
 TCTATGACGCCGAGGACCATTACGCCCTGCGCACGGTGCCCGGGCTCTGCCAGGATTACTGCCTGGA
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 CCCGAAGACACGGAGCACCCCGGGCTACAGCGCGGGCGCCACGCGGGCGCCCGCCGAGGGCGCCCC
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 CCGTCAAGAGAGCCGAGTTCGGCCAGGGCGGCTCGTGCCATTCTGCTGGACGATGTGCCTGCGCGG
 CTGGGAGCGGAACCTGCTGGAGTGCCAGCACAACGGCGTGGGCACCCACAACCTGCCAGCAGCAGGAGGAT
 GCGGGCGTGTGTCAGCCACCAGAACCCCGACCTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG226164 representing NM_001127258
 Red=Cloning site Green=Tags(s)

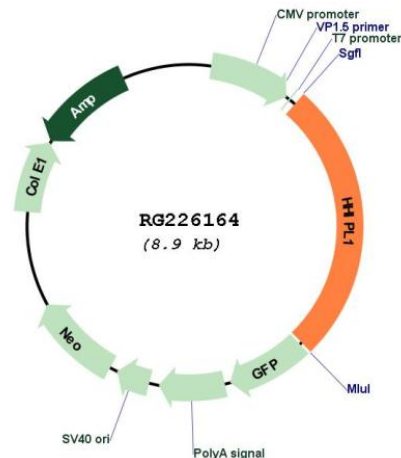
MARARAGALLALWVLGAAAHQCLDFRPPFRPTQPLRLCAQYSDFGCCDEGRDAELTRRFWALASRVDAAEWAACAGYARDLLCQECSPYAAHLYDAEDPFTPLRTVPGLCQDYCLDMWHKCRGLFRHLSTDQELWALEGNLARFCRYLSLDDTDYCFPYLLVNKNLNSNLGHVVADAKGCLQLCLEEVANGLRNPVAMVHARDGTHRFFVAEQVGLVWAYLPDRSRLGKPFLLNISRVLTPWEGDERGFLGIAFHPSFQHNRRLYVYYSVGISSSEWIRISEFRVSEDDENAVDHSSERIILEVKEPASNHNGGQLLFGDDGYLYIFTGDGGMAGDPFGTFGNAQNKSEALLGKVLRIDVDRKERGLPYGIPDPNPFVGDPAAQPEVYALGVRNMWRCSFDRGDPSSGTGRGLFCGDVGQNKFEEDVVERGGNYGWRAREGFECYDRSLCANTSLNDLLPIFAYPHTVGKSVTGGYVYRGCEYPNLNGLYIFGDFMSGRLMSLQENPGTQWQYSEICMGHGQTCEFPGLINNYPIYISFGEDEAGELYFMSTGEP SATAPRGVYKIIDASRRAPPGKCIQPAQVKIRSRLIPFVPKEKFIKTRSTRPRTARAPTRAPRRGRP TAAPPAPTPRPARPTQQGSRGGGRRRRLNSASRAFRDGEVRLVRPAGLSSGSGRVEVFVGRWGTVC DDSWNI SGAAVCRQLGFAYAVRAVKRAEFGGGSLPILLDDVRCAGWERNLLECGHNGVGTNCEHDED AGVVCSHQNPDL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001127258

ORF Size: 2346 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:

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_001127258.3](#)

RefSeq Size: 3462 bp

RefSeq ORF: 2349 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]