

Product datasheet for **RC213058**

HHIPL1 (NM_032425) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HHIPL1 (NM_032425) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HHIPL1
Synonyms:	KIAA1822; UNQ9245
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC213058 representing NM_032425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCCGGGCCAGGGCCGGGGCTGCTGGCGCTTTGGGTGCTCGGGGCCCGCGCATCCGAGTGCC
 TGGACTTCAGGCCGCCCTTCCGGCCGACGACGCCGCTGCGCCTCTGCGCGCAGTACTCGGACTTCGGCTG
 CTGCGATGAGGGCGCGACGCCGAGCTGACCCGCCGCTTCTGGGCCCTGGCGAGCCGCTGGACGCCGCC
 GAGTGGGCCGCTGCGCCGGCTACGCGAGGGACCTGCTGTGCCAGGAATGCTCGCCGATGCAGCCACC
 TCTATGACGCCGAGGACCCATTACGCCCTGCGCAGGTGCCGGGCTCTGCCAGGATTACTGCCTGGA
 CATGTGGCATAAGTGCCGGGGCTGTCCGTACCTGTCAACTGACCAGGAGCTCTGGGCGCTGGAGGGC
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 GTGGCCGAGCAGGTGGGGCTGGTGTGGGCTACCTGCCCGACCGCTCGAGGCTGGGGAAGCCTTCTCTGA
 ACATCAGCCGGGTGGTGCTACCTCGCCCTGGGAGGGTACGAGCGTGGCTTCTGGGCATTGCCTTCCA
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 CGCATCAGCGAGTTCAGAGTCTCCGAGGATGACGAGAAGCCGCTGGACCACAGCTCTGAGAGGATAATCC
 TGGAGGTCAAAGAACCAGCCTCAAACCACAACGGGGGCCAGCTGCTTTTCGGGGATGACGGGTACCTCTA
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 GGCCTCTACATTTTGGGGATTTTATGAGCGGGCTCTGATGTCCCTCCAAGAGAACCCAGGGACAGGCC
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 AGTGCCACAGCTCCACGCGGAGTTGTCTACAAATAATTGACGCATCCAGCTGTAAAGCCAGAAGGCCCA
 TGCCCGGCTATGTCCAGCTCCTCCGTGTGACGCTATTGACGCTCTAGCCGTTCAATTTACAGTGGTG
 GAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213058 representing NM_032425
 Red=Cloning site Green=Tags(s)

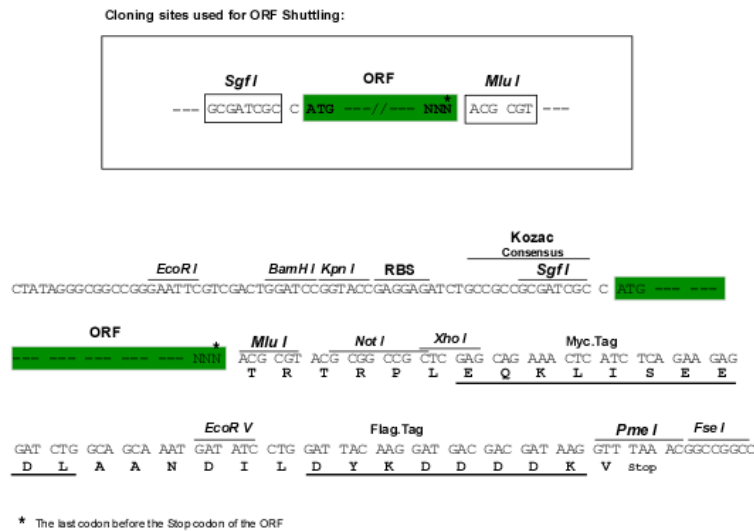
MARARAGALLALWVLGAAHPQCLDFRPPFRPTQPLRLCAQYSDFGCCDEGRDAELTRRFWALASRVDA
 EWAACAGYARDLLCQECSPYAAHLYDAEDPFTPLRTVPGLCQDYCLDMWHKCRGLFRHLSTDQELWALEG
 NLARFCRYLSLDDTDYCFPYLLVNKNLNSNLGHVVADAKGCLQLCLEEVANGLRNPVAMVHARDGTHRFF
 VAEQVGLVWAYLPDRSRLGKPLNISRVVLTSPWEGDERGFLGIAFHPSFQHNRRLYVYYSVGIRSEWI
 RISEFRVSEDDENAVDHSSERIILEVKEPASNHNGQLLFGDDGYLYIFTGDGGMAGDPFGTFGNAQNK
 ALLGKVLRIDVDRKERGLPYGIPPDNPFVGDPAAPQPEVYALGVRNMWRCSFDRGDPSSGTGRGLFCGDV
 GQNKFEEDVVERGGNYGWRAREGFECYDRSLCANTSLNDLLPIFAYPHTVGKSVTGGYVYRGCEYPNLN
 GLYIFGDFMSGRLMSLQENPGTGQWQYSEICMGGHQTCEFPGLINNYYPYIISFGEDEAGELYFMSTGEP
 SATAPRGVVYKIIDASSCKARSAMPGYVPAPSVCSSTLSQPFILQWKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mg4070_d07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032425

ORF Size: 1824 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.

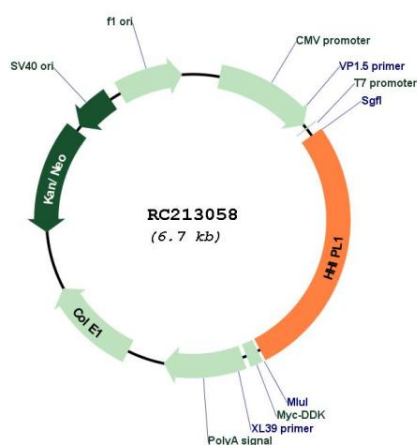
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_032425.5](#)

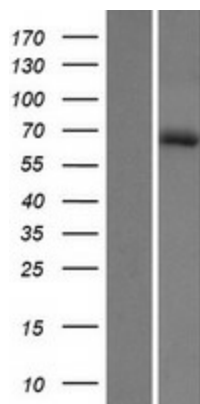
RefSeq Size: 2253 bp

RefSeq ORF:	1827 bp
Locus ID:	84439
UniProt ID:	Q96JK4
Cytogenetics:	14q32.2
Protein Families:	Druggable Genome
MW:	67.7 kDa
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]

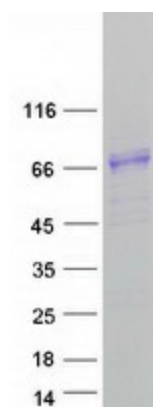
Product images:



Circular map for RC213058



Western blot validation of overexpression lysate (Cat# [LY410121]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC213058 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified HHIPL1 protein (Cat# [TP313058]). The protein was produced from HEK293T cells transfected with HHIPL1 cDNA clone (Cat# RC213058) using MegaTran 2.0 (Cat# [TT210002]).