

Product datasheet for **RG234153**

ILDR1 (NM_001199800) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ILDR1 (NM_001199800) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ILDR1
Synonyms:	DFNB42; ILDR1alpha; ILDR1alpha'; ILDR1beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234153 representing NM_001199800
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATGGCCAACTGCCCGACCTTGGCTGCTGCTCTGCACCTGGCTCCAGCAGGGTGCCTGTCCT
 TGCTTGTGACGGTCCAGCACACAGAACGCTATGTACCCCTGTTTGCCTCTATCATCTCAAATGTGACTA
 CACCACCTCTGCCAGCTCCAGGACGTGGTGGTGACATGGCGCTTCAAGTCCTTCTGCAAGGACCTATC
 TTTGACTACTACTCAGCGTCATACCAGGACGCTTTATCCCTGGGCCAGGACCCATCCAATGACTGCAACG
 ACAACCAGCGGAAGTTCGCATAGTGGCCAGCGCGGGGCGAGAATGAGCCCGTCTGGGGGTAGATTA
 CCGGCAGCGCAAGATCACCATCCAGAACCCCTGGCCGCCACCGCTACATGAAGCAGGCCCAGGCCCTA
 GGTCTCAGATGATGGGAAAACCCCTGTACTGGGGGCGGACAGGAGCTCCAGGTTTCATCTTATCCAA
 TGCACCCGCTGCTGCAGCGAGATTTGTCCTGCCGTCCAGCTCCCGCAGATGCCAATGACCAGACCAC
 CAATCAGCCTCCCATCGCCAATGGTGTCTGGAGTATTTGGAGAAAGAACTGCGGAACCTCAACCTGGCC
 CAGCCTCTGCCCCCTGACCTCAAAGGCAGATTTGGCCATCCCTGCAGCATGCTGTCTCCCTGGGCTCTG
 AGGTCGTGGAACGCAGAATCATCCACCTGCCCCCACTGATCAGAGACCTGTCTCATCTCAAGGAGGACCAG
 TGACTCCCTGCACCAGCAGTGGCTCACCCCAATTCCTCCAGGCCCTGGGATCTGAGGGAGGGGAGAAGC
 CACCACCATTACCTGATTTCCACCAGGAGCTCCAGGACCGGGGCGCAAAGTCTTGGGCATTGGAAAGAA
 GGGAGTTGGACCCATCGTGGAGTGAAGGCACCGTAGCTCTAGGCTGAATGGGTACCCATACACTGGTC
 AGACAGGGACAGCCTAAGCGATGTCCCTCATCCAGTGAAGCAGCTGGCGGCCGAGCCACCCTCCTTTC
 AGGAGCCGCTGTGAGGAGAGGCCCGCAGGCCAGCCCCGGGAGAGCACTCAGAGGCACGGGAGACGAC
 GCAGGCACCGCAGCTACTCTCTCCCTTGCCTCCGGCCTCAGTTCCTGGAGCTCTGAAGAGGACAAGGA
 GAGGCAGCCCCAGAGCTGGCGGGGCCACCGCCGGCTCGCACTCCCCACACTGGCCCGAGGAGAAGCCG
 CCTAGCTACCGCTCACTTGATATCACTCCAGGCAAGAATAGCAGGAAAAAAGGGAGTGTGGAGAGCGCT
 CGGAGAAAGACAGCTCTCATAGTGAAGGAGTGTGGTCATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG234153 representing NM_001199800
 Red=Cloning site Green=Tags(s)

MAWPKLPAPWLLCTWLPAGCLSLVTVQHTERYVTLFASIILKCDYTTSACLQDVVVTWRFKSFCKDPI
 FDYYASASYQAALSLGQDPSNDCNDNQREVIVAQRQGQNEPVLGVDRQRKITIQNPLARHYMKQAQAL
 GPQMMGKPLYWGADRSSQVSSYPMHLLQRDLSPSSLPQMPMTQTTNQPPANGVLEYLEKELRNLA
 QPLPPDLKGRFGHPCSMSSLGSEVVERRIIHLPLIRDLSSSRRTSDSLHQQLTPIPSRPWDLREGRS
 HHHYPDFHQELQDRGPKSWALERRELDPSWGRHRSSRLNGSPIHWSDRDSLSDVPSSSEARWRPSHPPF
 RSRCQERPRRPSPRESTQRHGRRRRRHSYSPPLPSGLSSWSSEEDKERQPQSWRAHRRGSHSPHWPEEKP
 PSYRSLDITPGKNSRKKGSVERRSEKSSSHSGRSVVI

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001199800

ORF Size: 1371 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_001199800.2](#)

RefSeq Size: 2641 bp

RefSeq ORF: 1374 bp

Locus ID: 286676

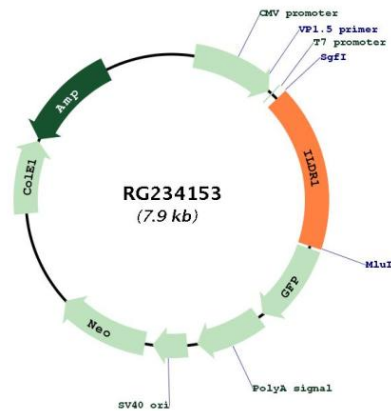
UniProt ID: [Q86SU0](#)

Cytogenetics: 3q13.33

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a protein that contains an immunoglobulin-like domain. The encoded protein may function as a multimeric receptor at the cell surface. The expression of this gene may be a diagnostic marker for cancer progression. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RG234153