

## Product datasheet for **MG205974**

### Ldhal6b (NM\_175349) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ldhal6b (NM_175349) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ldhal6b
Synonyms:	4933402O15Rik; AI326310; Ldhal; LDHL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205974 representing NM_175349 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTGGGCTACAAGCATCTTGAGAGCCAGCAGAAGAGTGAGTACAACCAGGGTAGATTTCAAGGGCT  
TTGGCATAGCTCTATGGCCAGTCAGGTGCAACGTGTCCCTCCCAACCGGGCTGGTGGAGCCTCACGCC  
CACGTCTCCATGGCGACCGTGAAGGGTGAACCTATCCAGCACATCAGCTCCGAAGAGCCGTTCTCCAC  
ACAAGGTCTCCATTGTAGGAAGTGGATCAGTCGGCATGGCCTGTGCCATCGGCATCATAGCGAAAGGCT  
TGACTGACGAGCTCGCCCTTGTGATAAATGAAGAAAAATGAAGGGTGAAGACGATGGATCTTCAGCA  
CGGAGTGTCTTCATGAAAATGCCAAATATTGTTTGCAGCAAGGATTTCCGTGTCAGTCCAACTCTGAG  
GTAGTGATTATCACAGCGGGTGCACGCCAAGAGAAAAATGAGACACGCCTGAATTTAGTCCAGCGAAACG  
TAACCATCTTTAAGGCAATGGTTGCGGAAATATCAAGCACAGCCCTCGCTGCAAAATATTGTTGTCTC  
CAATCCAGTGGATATCTTAACCTTCGTAACCTGGAAGTTGAGTGGGTTTCCCAAAAACCGTATTATTGGA  
AGCGGCTGAACCTAGATACAGCTCGCTTCCGTTACATGCTCGGGCAGAGGCTTGGGATCCACTCTGAAA  
GCTGCCACGGGTGGTCCCTTGGAGAGCATGGAGATTCAAGTGTCCCTGTGTGGAGTGGTGTGAACATCGC  
CGGCGTGCCGCTGAGAGAGCTGAATTCAGCTATAGGAACAAGCAAAGACCCCGAGAAATGGGCGATGTC  
CACAAAGAAGTCATTGCCAGTGCCTATAATATTCAAATGAAAGGTTATACTTCTGGCCATTGGCC  
TGTCTGTAACGTATATTGCAGAGAGTATCCTGAAGAATCTCAGGAAGACGCATCCAGTTACCACAAAAT  
CCAAGTCTCTACGGAATCAAAGAGGAGGTGTTCTCAGCGTGCCTTGTATCCTGGGAGAGAGTGGCATA  
TCTGATATCATAAAGGTAAGCTGAGCCCTACAGAGGAGGCCAGATGGTAAAGAGCGCAGAGACTATT  
GGAAAAATCCAGAAAGATATTAAGTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

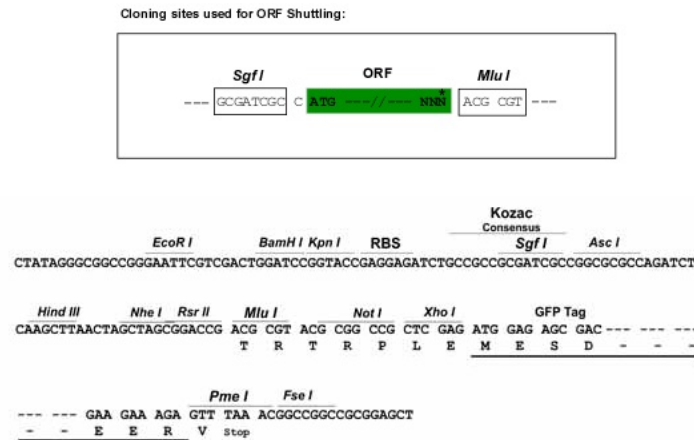
**Protein Sequence:** >MG205974 representing NM\_175349  
 Red=Cloning site Green=Tags(s)

MAWATSILRASRRVSTTRVDFKGFALWPSQVQRPVPPNRAWWSLTPTSSMATVKGELIQHISSEEPVLH  
 NKVSIIVGTGSGVMACAIIGIIAKGLTDELALVDNNEEKMKGETMDLQHGVSVMKMPNIVCSKDFRV TANSE  
 VVITAGARQEKNETRLNLVQRNVTIFKAMVAEIIKHSPRCKIIIVSNPVDILTFVTWKLSGFPKNRIIG  
 SGCNLDTARFRYMLGQRLGIHSESCHGWVLGEHGDSSVPVWSGVNIAGVPLRELNSAIGTSKDPEKWGDV  
 HKEVIASAYNIKMKGYTSAIIGLSVTDIAESILKNLRKTHPVTTKIQGLYGIKEEVFLSVPCILGESGI  
 SDIIKVKLSPTEEAQMVKSAETIWKIQDKIF

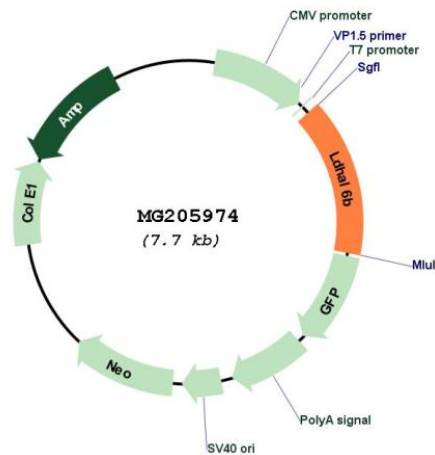
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_175349

<b>ORF Size:</b>	1146 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_175349.2</a> , <a href="#">NP_780558.1</a>
<b>RefSeq Size:</b>	1463 bp
<b>RefSeq ORF:</b>	1149 bp
<b>Locus ID:</b>	106557
<b>Cytogenetics:</b>	17 A1