

## Product datasheet for **RG235396**

### LRBA (NM\_001199282) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LRBA (NM_001199282) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRBA
Synonyms:	BGL; CDC4L; CVID8; LAB300; LBA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG235396 representing NM_001199282 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTAGCGAAGACAATCGTGTCCCTTCCCCGCCACCAACAGGTGATGACGGGGGAGGTGGAGGGAGAG  
AAGAAACCCCTACTGAAGGGGTGCATTGTCTCTGAAACCAGGGCTCCCCATCAGGGGCATCAGAATGAA  
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 CCAAACCCGCTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG235396 representing NM\_001199282  
 Red=Cloning site Green=Tags(s)

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 QLFAYPGCDAGIRAMALSYDQRCIISGMASGSIVLFYNDFNRRWHHEYQTRY

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI



<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_001199282.2</a> , <a href="#">NP_001186211.2</a>
<b>RefSeq Size:</b>	9919 bp
<b>RefSeq ORF:</b>	8556 bp
<b>Locus ID:</b>	987
<b>UniProt ID:</b>	<a href="#">P50851</a>
<b>Cytogenetics:</b>	4q31.3
<b>Gene Summary:</b>	The protein encoded by this gene is a member of the WDL-BEACH-WD (WBW) gene family. Its expression is induced in B cells and macrophages by bacterial lipopolysaccharides (LPS). The encoded protein associates with protein kinase A and may be involved in leading intracellular vesicles to activated receptor complexes, which aids in the secretion and/or membrane deposition of immune effector molecules. Defects in this gene are associated with the disorder common variable immunodeficiency-8 with autoimmunity. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]