

Product datasheet for MR211901

Phldb2 (BC050915) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phldb2 (BC050915) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Phldb2
Synonyms:	LL5b, LL5beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211901 representing BC050915 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGAAGATAGCCACATGCAAAAGCAGCTGGAATTCAAAATGGTAGCTTAGAGGAAGGATTTGTGG
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AGCCCTTCTCCAATGGGCACCAGCGTCAGGAGCAGTCCCTCCTGGCCAAAATCCAGGGAAGCAAACAGT
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TGGCGGCTATCCTCTTGGGAAAGCAGATTTGGATCATTATACTGGTCGAGACAGTGAGAGGTCCACCAGG
CTCTCAGAGAAGCCTCCCTATTCAGATACAGCTCTAGGAATAAAATCTCATGACAGTGTCTACTTTCTAG
GGGGGCTGGAAGGAAGAAAAACCTCTGGCTCGCTCCTGACCATGTGGAACGGAAATTCCTTGAGCTGCAC
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GTGTGAGAACAAGGAAATACTCAGGGAGCAGTCTGAGTAATATGGGTGCCTACAGCCGATCGTTCCAG
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AGAAGAGGTCAGTTAGGAGAAAAGGATCTACCTCATAGCCTAGTGGATAGTGACAATTACCTTAACCTTT
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CCTCAGTGTTCTGCCAGTCTCGTGTGGCTCGGAAGATGCTCCTGGCCTCCACCTCCTCTGATGACTTT
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GTGTTTCGAGGACGCTCTGGTGTGCCCGATGCCAGGTACAGGTGCCACCGAAGGGCTCTCTCCAGGATG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR211901 representing BC050915
 Red=Cloning site Green=Tags(s)

MAEDSHMQKQLEFQNGSLEEGFVVRSLLENPQNMMESLSPRKYSSSLKFKANGDYSGSYLTLSPVSAKR
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 LSEKPPYSRYSSRNKSHDSVYFLGGLEGRKTSGLLTMWNGNSLCTGSSPISRGAASMPSSPKQVRKM
 NLQDHSTLQPRLSRHKEPASENVSVRTRKYSGSSLNMGAYSRSLPRLYKATDNQMSPLSLPPRSSLGNS
 RRGQLGEKDLPHSLVSDNYLNFSSLSSGASPYKTCLSEGPNYVSSALSVPASPRVARKMLLASTSSDDF
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 LMDYHRRQREERLREQEMERLERQRLETILSLCAEYTKPEGRRLSAGTTVADVQKINKELEKLQLSDEES
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 PLPAKHRRQQPQEQHFRLSLEERKKQHKGLYLDLPRKKTTPSLSPHFSSATMGRSTTPKAHLPLGQ
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 DTLSDSSDSMETSISACSPDNISSASTSNIAEEMERLLKQAHAEKTRLLESREMEAKKRALEEEK
 RRREILEKRLQEETSQRQKLEKEVKIREKQARPLTRYLPVRKEDFDLRSHVETAGHNIDTCFHVSI
 TEKTCRGYLKMGGKIKTWKKRWFVFDNRKRTFSYADKHEAKLKVIFYQAIIEVYDHLKNANKSPNP
 LLTFSVKTHDRIYMVAPSPAMRIWMDVIVTGAEGYTHFLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9081_a10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

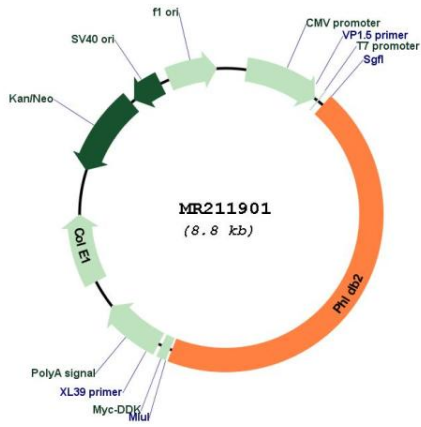


ACCN: BC050915

ORF Size: 3906 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:	<ol style="list-style-type: none">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:	BC050915.1
RefSeq Size:	5380 bp
RefSeq ORF:	3908 bp
Locus ID:	208177
Cytogenetics:	16 B5
MW:	147.4 kDa
Gene Summary:	Seems to be involved in the assembly of the postsynaptic apparatus. May play a role in acetylcholine receptor (AChR) aggregation in the postsynaptic membrane.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211901