

Datasheet for ABIN7564624  
**PHLDB2 Protein (AA 1-1249) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PHLDB2
Protein Characteristics:	AA 1-1249
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHLDB2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Phldb2 Protein expressed in mammalian cells.
Sequence:	MAEDSHMQKQ LEFQNGSLEE GFVVRSLENE PQNMESLSP RKYSSSLKFK ANGDYSGSYL TLSQPVSAKR SPSPMGTSVR SSPSLAKIQG SKQFCDGIDK NISMKPPISF LSSAASLGGY PLGKADLDHY TGRDSESTR LSEKPPYSRY SSRNKSHDSV YFLGGLEGRK TSGSLLTMWN GNSLSCTGSS PISRGAASM PSSPKQVRKM NLQDHSTLQP RLSRHKEPAS ENVSVRTRKY SGSSLSNMGA YSRSLPRLYK ATDNQMSPLS LPPRSSLGNS RRGQLGEKDL PHSLVSDSNY LNFSSLSSGA SPYKTCLSEG NPYVSSALSV PASPRVARKM LLASTSSDDF DRASYSGTSP SHSFISGEPD RVLVARRNFS CGSMELDDSD LESLRQSSET PQPVLRRERKS SISISGRDD LMDYHRRQRE ERLREQEMER LERQRLETIL SLCAEYTKPE GRRLSAGTTV ADVQKINKEL EKLQLSDEES VFEDALVCPD ARYRCHRKGS LQDQDVAGFG NLGHSASFLA PRGSRDEL GDLTRTPPSS SAAFLKATNE SSYLSILPKT PEDIGEEQRT QELAAMEDAR MVILNNLEEL EQKIKDINDQ MDESSRELDM ECALLDGEQK SETAELMKEK EILDHLNRKI TELEKNIVGE KTKEKVKLDA EREKLERLQE LYSEQKTQLD NCPESMREQL QQQLKRDADL LDVESKHFD

## Product Details

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LEFQQLEHES RLDEEKENLT QQLLREVAEY QRNIVARKEK ISALKKQASH IVQQAQREQD  
HFVKEKNNLI MMLQREKENL CNLEKKYSSL TGGKGFIPIN NTLKEGYISV NEINESCGNS  
TNLSPSTQFP ADADAAVTEP ALAVPVSQPQ SSEHFRSLEE RKKQHKEGLY LSDTLPRKKT  
TPSLSPHFSS ATMGRSTTPK AHLPLGQNS CGSVLPHSLA TMTKDSERR MLRGYNHQQM  
SEGQRQKPEF YSRTASESNV YLNSFHYPDR SYKDQAYDTL SLDSSDSMET SISACSPDNI  
SSASTSNIAR IEEMERLLKQ AHAEKTRLLE SREREMEAKK RALEEEKRRR EILEKRLQEE  
TSQRQKLIK EVKIREKQRA QARPLTRYLP VRKEDFDLRS HVETAGHNID TCFHVSITEK  
TCRGYLIKMG GKIKTWKKRW FVFDRNKRTF SYYADKHEAK LKGVYFQAI EEVYYDHLKN  
ANKSPNPLLT FSVKTHDRIY YMVAPSPEAM RIWMDVIVTG AEGYTHFLL **Sequence without tag.**

**The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: PHLDB2

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## Target Details

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Alternative Name:	Phldb2 ( <a href="#">PHLDB2 Products</a> )
Background:	Pleckstrin homology-like domain family B member 2 (Protein LL5-beta),FUNCTION: Seems to be involved in the assembly of the postsynaptic apparatus. May play a role in acetyl-choline receptor (AChR) aggregation in the postsynaptic membrane. {ECO:0000269 PubMed:15851520}.
Molecular Weight:	141.5 kDa
UniProt:	<a href="#">Q8K1N2</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months