

# Recombinant Human PLEKHG4B Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PLEKHG4B-3747H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | PLEKHG4B MS Standard C13 and N15-labeled recombinant protein (NP_443141) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes a large protein that contains a pleckstrin homology domain and may function as a guanine nucleotide exchange factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 139.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MEALRNPMPLGSSEEALGDLACSSLTGASRDLGTGAVASGTQEETSGPRGDPQQT<br>PSLEKERHTPSRTGPGAAGRTLPRRSRSWERAPRSSRGAQAAACHTSHHSAGSRP<br>GGHLGGQAVGTPNCVPVEGPGCTKEEDVLASSACVSTDGGSLHCHNPSGPSDVP<br>ARQPHPEQEGWPPGTGDFPSQVPKQVLDVVSQELLQSGVVTLPGTRDRHGRAVVQ<br>VRTRSLWLTREHSSCAELTRLLLYFHISIPRKEVRDLGLVVLVDARRSPAAPAVSQAL<br>SGLQNNTSPIIHSILLVLDKESAFRPDKDAIIQCEVVSSLKAVHKFVDSCQLTADLDGS<br>FPYSHGDWICFRQRLEHFAANCEEAIIFLQNSFCSLNTHRTPTAQEVAELIDQHET<br>MMKLVLEDPLLVSRLRLEGGTVLARLRREELGTEDSRDTLEAATSLYDRVDEEVHRLV<br>LTSNNRLQQLEHLRELASLLEGNDQQSCQKGLQLAKENPQRTEEMVQDFRRGLSA<br>VVSQAECREGELARWTRSSSELCTVSSWMGPLDPEACPSSPVAECLRSCHQEATS<br>VAAEAFPGAGVAVLKPHALGKPWASQQDLWLQYPQTRLRLLEEALSEAAPDPSLPPL |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AQSPKHERAQEAMRRHQKPPSFPSTDSGGGAWEPAPLSGLPGRALLCGQDGE  
 TLRPGLCALWDPLSLLRGLPGAGATTAHLEDSSACSSEPTQTLASRPKRHPQKKMIK  
 KTQSFEIPQPDSPRDSCQPDHTSVFSKGLEVTSTVATEKKLPLWQHARSPPVTQS  
 RSLSSPSGLHPAEEDGRQQVGSSRLRHIMAEMIATEREYIRCLGYVIDNYFPEMERM  
 DLPQGLRGKHHVIFGNLEKLHDFHQHFLRELERCQHCPLAVGRSFLRHEEQFGMY  
 VIYSKNKPQSDALLSSHGNAFFKDKQRELGDKMDLASYLRLPVQRVAKYALLQDLL  
 KEASCGLAQGQELGELRAAEVVVCFQLRHGNDLLAMDAIRGCDVNLKEQGQLRCR  
 DEFIVCCGRKKYLRHVFLFEDLILFSKTQKVEGSHDVLYLKQSFKTAEIGMTENVGDS  
 GLRFEIWFRRRRKSQDTYILQASSAEVKSAWTDVIGRILWRQALKSRELRIQEMASM  
 GIGNQPFMDVKPRDRTPDCAVISDRAPKCAVMSDRVPDSIVKGTESQMRGSTAVSS  
 SDHAAPFKRPHSTISDSSTSSSSSQSSSILGSLGLLVSSSPAHPGLWSPAHPWSSD  
 IRACVEEDEPEPELETGTQAAVCEGAPAVLLSRTRQATRTRPLEQKLISEEDLAANDI  
 LDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

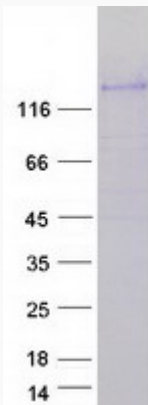
**Gene Name** PLEKHG4B pleckstrin homology and RhoGEF domain containing G4B [ Homo sapiens (human) ]

**Official Symbol** PLEKHG4B

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | PLEKHG4B; pleckstrin homology and RhoGEF domain containing G4B; pleckstrin homology domain-containing family G member 4B; PH domain-containing family G member 4B; pleckstrin homology domain containing, family G (with RhoGef domain) member 4B |
| <b>Gene ID</b>        | 153478                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>    | NM_052909                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b> | NP_443141                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>     | Q96PX9                                                                                                                                                                                                                                            |
| <b>SDS-PAGE</b>       |                                                                                                                                                                |