

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

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

SPECIFICATION

Product Overview	PLEKHG4B MS Standard C13 and N15-labeled recombinant protein (NP_443141) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a large protein that contains a pleckstrin homology domain and may function as a guanine nucleotide exchange factor.
Molecular Mass	139.5 kDa
AA Sequence	MEALRNPMPLGSSEEALGDLACSSLTGASRDLGTGAVASGTQEETSGPRGDPQQT PSLEKERHTPSRTGPGAAGRTLPRRSRSWERAPRSSRGAQAAACHTSHHSAGSRP GGHLGGQAVGTPNCVPVEGPGCTKEEDVLASSACVSTDGGS LHCHNPSGPSDVP ARQPHPEQEGWPPGTGDFPSQVPKQVLDVVSQELLQSGVVTLPGTRDRHGRAVVQ VRTRSLWLTREHSSCAELTRLLLYFH SIPRKEVRDLGLVVLVDARRSPAAPAVSQAL SGLQNNTSPIIHSILLVLDKESAFRPDKDAIQCEVVSSLKAVHKFVDSCQLTADLDGS FPYSHGDWICFRQRLEHFAANCEEAIIFLQNSFCSLNTHRTPTAQEVAELIDQHET MMKLVLEDPLLVSRLRLEGGTVLARLRREELGTEDSRDTLEAATSLYDRVDEEVHRLV LTSNNRLQQLEHLRELASLLEGNDQQSCQKGLQLAKENPQRTEEMVQDFRRGLSA VVSQAECREGELARWTRSSSEL CETVSSWMGPLDPEACPSSPVAECLRSCHQEATS VAAEAFPGAGVAVLKPHALGKPWASQQDLWLQYPQTRLRLLEEALSEAAPDPSLPPL

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AQSPPKHERAQEAMRRHQKPPSFPSTDSGGGAWEPAPQLSGLPGRALLCGQDGE
 TLRPGLCALWDPLSLLRGLPGAGATTAHLEDSSACSSEPTQTLASRPRKHPQKKMIK
 KTQSFEIPQPDSPRDSCQPDHTSVFSKGLEVTSTVATEKKLPLWQHARSPPVTQS
 RSLSSPSGLHPAEEDGRQQVGSSRLRHIMAEMIATEREYIRCLGYVIDNYFPEMERM
 DLPQGLRGKHHVIFGNLEKLHDFHQHFLRELERCQHCPLAVGRSFLRHEEQFGMY
 VIYSKNKPQSDALLSSHGNAFFKDKQRELGDKMDLASYLRLRPVQRVAKYALLQDLL
 KEASCGLAQGQELGELRAAEVVVCFQLRHGNDLLAMDAIRGCDVNLKEQGQLRCR
 DEFIVCCGRKKYLRHVFLFEDLILFSKTQKVEGSHDVYLYKQSFKTAEIGMTENVGDS
 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

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Synonyms	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
Gene ID	153478
mRNA Refseq	NM_052909
Protein Refseq	NP_443141
UniProt ID	Q96PX9
SDS-PAGE	