

## Product datasheet for TP313285

### PLEKHG4B (NM\_052909) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens pleckstrin homology domain containing, family G (with RhoGef domain) member 4B (PLEKHG4B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213285 representing NM_052909 Red=Cloning site Green=Tags(s)

MEALRNPMLPGSSEEALGDLACSSLTGASRDLTGAVASGTQEETSGPRGDPQQTPTSLEKERHTPSRTGPG  
GAAGRTLPRRSRSWERAPRSSRGAQAAACHTSHHSAGSRPGGHLGGQAVGTPNCVPEVPGCTKEEDVLA  
SSACVSTDGSSLHCHNPSGSDVPARQPHPEQEGWPPGTGDFPSQVPKQVLDVVSQELLQSGVVTLPGTRD  
RHGRAVVQVRTRSLWLTREHSSCAELTRLLLYFHISIPRKEVRDLGLVWLVLDARRSPAAPAVSQALSGLQN  
NTSPIIHSILLVLDKESAFRPDKDAIIQCEVSSLKAVHKFVDSQCQLTADLDGSPYSHGDWICFRQRLE  
HFAANCEEAIIFLQNSFCSLNTHRTPRTAQEVAELIDQHETMMKLVLEDPLLVSRLRLEGGTVLARLRREE  
LGTEDSRDTLEAATSLYDRVDEEVHRLVLTSSNNRLQQLEHLRELASLLEGNDQQSCQKGLQLAKENPQRT  
EEMVQDFRRGLSAVVSQAECREGLARWTRSSSELCTVSSWVGPLDPEACPSSPVAECLRSCHQEATSVA  
AEAFPGAGVAVLKPALGKPWASQQDLWLQYPQTRLRLEEALSEAAPDPSLPPLAQSPPKHERAQEAMRR  
HQKPPSPSTDSGGGAWEPAPLSGLPGRALLCGQDGETLRPGLCALWDPLSLLRGLPGAGATTAHLEDS  
SACSSEPTQTLASRPKHPQKKMIKKTQSFEIPQPDGPRDSCQPDHTSVFSKGLEVTSTVATEKKLPLW  
QHARSPPVTQSRSLSSPSGLHPAEEDGRQVQVSSRLRHIMAEMIATEREYIRCLGYVIDNYFPEMERMDL  
PQGLRGKHHVIFGNLEKLHDFHQHFLRELERCQHCLAVGRSFLRHEEQFGMYVIYSKNKPQSDALLSS  
HGNAFFKDKQRELGDKMDLASYLLRPVQRVAKYALLLQDLLKEASCGLAQQGQELGELRAAEVWVCFQLRH  
GNDLLAMD AIRGCDVNLKEQQQLRCRDEFIVCCGRKKYLRHVFLFEDLILFSKTQKVEGSHDVYLYKQSF  
KTAEIGMTENVGDSGLRFEIWFRRRRKSQDTYILQASSAEVKSATWDVIGRILWRQALKSRELRIQEMAS  
MGIGNQPFMDVKPRDRTPDCAVISDRAPKCAVMSDRVPDSIVKGTESQMRGSTAVSSSDHAAPFKRPHST  
ISDSSTSSSSSQSSSILGSLGLLVSSSPAHPGLWSPAHPWSSDIRACVEEDEPEPELETGTQAAVCEGA  
PAVLLSRTRQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

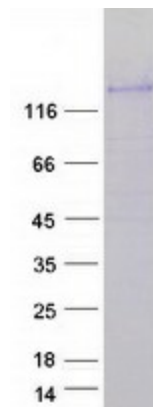
Tag:	C-Myc/DDK
Predicted MW:	139.5 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_443141</a>
<b>Locus ID:</b>	153478
<b>UniProt ID:</b>	<a href="#">Q96PX9</a>
<b>RefSeq Size:</b>	11529
<b>Cytogenetics:</b>	5p15.33
<b>RefSeq ORF:</b>	3813
<b>Summary:</b>	This gene encodes a large protein that contains a pleckstrin homology domain and may function as a guanine nucleotide exchange factor. [provided by RefSeq, May 2017]

### Product images:



Coomassie blue staining of purified PLEKHG4B protein (Cat# TP313285). The protein was produced from HEK293T cells transfected with PLEKHG4B cDNA clone (Cat# [RC213285]) using MegaTran 2.0 (Cat# [TT210002]).