

Product datasheet for TP313285L

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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213285 representing NM_052909 Red=Cloning site Green=Tags(s)

MEALRNPMPPLGSSEEALGDLACSSLTGASRDLTGAVASGTQEETSGPRGDPQQTPTSLEKERHTPSRTGPG
GAAGRTLPRRSRSWERAPRSSRGAQAAACHTSHHSAGSRPGGHLGGQAVGTPNCVPEVPGCTKEEDVLA
SSACVSTDGGSLHCHNPSGSDVPARQPHPEQEGWPPGTGDFPSQVVKQVLDVVSQELLQSGVVTLPGTRD
RHGRAVVQVRTRSLWLTREHSSCAELTRLLLYFHISIPRKEVRDLGLVWLVLDARRSPAAPAVSQALSGLQN
NTSPIIHSILLVLDKESAFRPDKDAIIQCEVSSLKAVHKFVDSQCQLTADLDGSPYSHGDWICFRQRLE
HFAANCEEAIIFLQNSFCSLNTHRTPRTAQEVAELIDQHETMMKLVLEDPLLVSRLRLEGGTVLARLRREE
LGTEDSRDTLEAATSLYDRVDEEVHRLVLTSSNNRLQQLEHLRELASLLEGNDQQSCQKGLQLAKENPQRT
EEMVQDFRRGLSAVVSQAECREGELARWTRSSSELCTVSSWVGPLDPEACSPSPVAECLRSCHQEATSVA
AEAFPGAGVAVLKPALGKPVASQQDLWLQYPQTRLRLEEALSEAAPDPSLPPLAQSPPKHERAQEAMRR
HQKPPSPSTDSGGGAWEPAPLSGLPGRALLCGQDGETLRPGLCALWDPLSLLRGLPGAGATTAHLEDS
SACSSEPTQTLASRPKHPQKKMIKKTQSFEIPQPDGPRDSCQPDHTSVFSKGLEVTSTVATEKKLPLW
QHARSPPVTQSRSLSSPSGLHPAEEDGRQVQVSSRLRHIMAEMIATEREYIRCLGYVIDNYFPEMERMDL
PQGLRGKHHVIFGNLEKLHDFHQHFLRELERCQHCLAVGRSFLRHEEQFGMYVIYSKNKPQSDALLSS
HGNAFFKDKQRELGDKMDLASYLLRPVQRVAKYALLQDLLKEASCGLAQGQELGELRAAEVWVCFQLRH
GNDLLAMD AIRGCDVNLKEQQQLRCRDEFIVCCGRKKYLRHVFLFEDLILFSKTQKVEGSHDVYLYKQSF
KTAEIGMTENVGDSGLRFEIWFRRRRKSQDTYILQASSAEVKSATWDVIGRILWRQALKSRELRIQEMAS
MGIGNQPFMDVKPRDRTPDCAVISDRAPKCAVMSDRVPDSIVKGTESQMRGSTAVSSSDHAAPFKRPHST
ISDSSTSSSSSQSSSILGSLGLLVSSSPAHPGLWSPAHPWSSDIRACVEEDEPEPELETGTQAAVCEGA
PAVLLSRTRQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

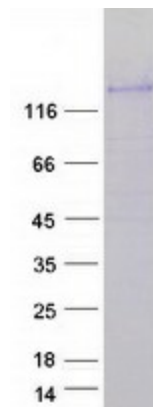
Tag:	C-Myc/DDK
Predicted MW:	139.5 kDa



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