

Product datasheet for PH313285

PLEKHG4B (NM_052909) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PLEKHG4B MS Standard C13 and N15-labeled recombinant protein (NP_443141)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213285
Predicted MW:	139.5 kDa
Protein Sequence:	>RC213285 representing NM_052909 Red=Cloning site Green=Tags(s)

MEALRNPMLGSSEEALGDLACSSLTGASRDLTGAVASGTQEETSGPRGDPQQTSPLEKERHTPSRTGP
GAAGRTPRRSRSWERAPRSSRGAQAAACHTSHHSAGSRPGHLLGGQAVGTPNCVPEVPGCTKEEDVLA
SSACVSTDDGSLHCHNPSGSDVPAQPHPEQEGWPPGTGDFPSQVPKQVLDVVSQELLQSGVVTLPGTRD
RHGRAVVQVTRSLWLTREHSSCAELTRLLLYFHSIPRKEVRDLGLVVLVDARRSPAAPAVSQALSGLQN
NTSPIIHSILLVVKESAFRPDKDAIIQCEVVSSLKAVHKFVDSQCLTADLDGSPYSHGDWICFRQRL
HFAANCEEAIIFLQNSFCSLNTHRTPTAQEVAELIDQHETMMKLVLEDPLLVSLRLEGGTVLARLRREE
LGTEDSRDTLEAATSLYDRVDEEVHRLVLTSSNNRLQQLEHLRELASLLEGNDQQSCQKGLQAKENPQRT
EEMVQDFRRGLSAVVSQAECREGELARWTRSELLETVSSWMGPLDPEACPSSPVAECLRSCHQEATSVA
AEAFPGAGVAVLKPALGKPWASQQDLWLQYPQTRLRLEEALSEAAPDPSLPLAQSPPKHERAQEAMRR
HQKPPSFPSTDSGGAWEPAPQLSGLPGRALLCGQDGETLRPGLCALWDPLSLLRGLPGAGATTAHLEDS
SACSSEPTQLASRPRKHPQKMIKKTQSFIEIPQDPSGPRDSCQPDTSVFSGGLEVTSTVATEKKLPLW
QHARSPVPTQSRSLSSPSGLHPAEEDGRQVGSRLRHIMAEMIATERYIRCLGYVIDNYFPEMERMDL
PQGLRGKHHVIFGNLEKLHDFHQHFLRELERQCPLAVGRSFLRHEEQFGMYVIYSKNKPQSDALLSS
HGNAFFKDKQRELGDKMDLASYLLRPVQVAKYALLQDLLKEASCGLAQGQELGELRAAEVVVCFQLRH
GNDLLAMDARIGCDVNLKEQGQLRCRDEFIVCCGRKKYLRHVFLFEDLILFSKTQKVEGSHDVYLKQSF
KTAEIGMTENVGDSGLRFEIWFRRRRKSQDITYILQASSAEVKSATDVIIGRILWRQALKSRELRIQEMAS
MGIIGNQPFMDVKPRDRTPDCAVISEDRAPKCAVMSDRVPDSIVKGTESQMRGSTAVSSSDHAAPFKRPHST
ISDSSTSSSSSSQSSSILGSLGLLVSSSPAHPGLWSPAHPWSSDIRACVEEDEPEPELETGTQAAVCEGA
PAVLLSRTRQA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

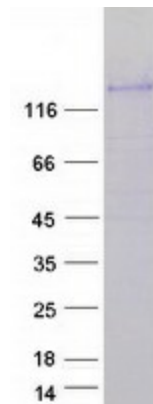
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_443141
RefSeq Size:	11529
RefSeq ORF:	3813
Locus ID:	153478
UniProt ID:	Q96PX9
Cytogenetics:	5p15.33
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]).