

Product datasheet for PH304278

KIAA1279 (KIF1BP) (NM_015634) Human Mass Spec Standard

Product data:

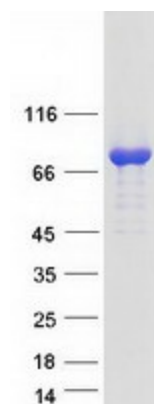
Product Type:	Mass Spec Standards
Description:	KIAA1279 MS Standard C13 and N15-labeled recombinant protein (NP_056449)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or	RC204278
AA Sequence:	
Predicted MW:	71.8 kDa
Protein Sequence:	>RC204278 protein sequence Red=Cloning site Green=Tags(s) MANVPWAEVCEKFQAALALSRVELHKNPEKEPYKSKYSARALLEEVKALLGPAPEDEDERPEAEDGPGAG DHALGLPAEVVEPEGVPAQRAVRLAVIEFHLGVNHIDTEELSAGEEHLVKCLRLRRYRLSHDCISLCIQ AQNNLGILWSEEEIETAQAYLESSEALYNQYMKEVGSPLDPTERFLPEEEKLTEQERSKRFKQVYTHN LYYLAQVYQHLEMFEEAAHYCHSTLKRQLEHNAYHPIEWAINAATLSQFYINKLCFMEARHCLSAANVIF GQTGKISATEDTPEAEGEVPELYHQRKGEIARCWIKYCLTLMQNAQLSMQDNIGELDLKQSELRALRKK ELDEEESIRKKAQFGTGELCDAISAVEEKVSYLRPLDFEEARELFLLGQHYVFEAKEFFQIDGYVTDHI EVVQDHSALFKVLAFETDMERRCKMHKRRIAMLEPLTVDLNPQYYLLVNRQIQFEIAHAYYDMDLKVA IADRLRDPDSHIVKKINNLSALKYYQLFLDSLDPNKFVPEHIGEDVLRPAMLAKEFRVARLYGKIITA DPKKELENLATSLEHYKFIVDYCEKHPEAAQIEVELELSKEMVSLPTKMERFRTKMAL T TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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
Labeling Method:	Labeled with [U- ¹³ C6, ¹⁵ N4]-L-Arginine and [U- ¹³ C6, ¹⁵ N2]-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:	<u>NP_056449</u>
RefSeq Size:	2548
RefSeq ORF:	1863
Synonyms:	KBP; KIAA1279; KIF1BP; TTC20
Locus ID:	26128
UniProt ID:	<u>Q96EK5</u>
Cytogenetics:	10q22.1

Summary: This gene encodes a kinesin family member 1 binding protein that is characterized by two tetratricopeptide repeats. The encoded protein localizes to the mitochondria and may be involved in regulating transport of the mitochondria. Mutations in this gene are associated with Goldberg-Shprintzen megacolon syndrome. [provided by RefSeq, Mar 2010]

Product images:



Coomassie blue staining of purified KIF1BP protein (Cat# [TP304278]). The protein was produced from HEK293T cells transfected with KIF1BP cDNA clone (Cat# [RC204278]) using MegaTran 2.0 (Cat# [TT210002]).