

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

Cat. No. KIFBP-1660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KIAA1279 MS Standard C13 and N15-labeled recombinant protein (NP_056449) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	71.8 kDa
AA Sequence	MANVPWAEVCEKFQAALALSRVELHKNPEKEPYKSKYSARALLEEVKALLGPAPED EDERPEAEDGPGAGDHALGLPAEVVEPEGPVAQRAVRLAVIEFHLGVNHIDTEELSA GEEHLVKCLRLRRYRLSHDCISLCIQAQNNLGILWSEREEIETAQAYLESSEALYNQ YMKEVGSPLDPTERFLPEEEKLTEQERSKRFEKVYTHNLYLAQVYQHLEMFKA AHYCHSTLKRQLEHNAYHPIEWAINAATLSQFYINKLCFMEARHCLSAANVIFGQTGK ISATEDTPEAEGEVPELYHQRKGEIARCWIKYCLTMQNAQLSMQDNIGELDLDKQS ELRALRKKELDDEESIRKKAVQFGTGELCDAISAVEEKVSYLRPLDFEEARELFLLGQ HYVFEAKEFFQIDGYVTDHIEVVQDHSALFKVLAFFETDMERRCKMHKRRIAMLEPL TVDLNPQYYLLVNRQIQFEIAHAYYDMMDLKVAIADRLRDPDSHIVKKINNLNKSALK

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YYQLFLDSL RDPNKFPEHIGEDVLRPAMLAKFRVARLYGKIITADPKKELENLATSLE
HYKFIVDYCEKHPEAAQEIEVELELSKEMVSL LPTKMERFRTKMALTTTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

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 KIFBP kinesin family binding protein [Homo sapiens (human)]

Official Symbol KIFBP

Synonyms KIFBP; kinesin family binding protein; KBP; TTC20; KIF1BP; KIAA1279; KIF-binding protein; KIF1 binding protein; kinesin binding protein; mutant KIF1 binding protein

Gene ID 26128

mRNA Refseq NM_015634

Protein Refseq NP_056449

MIM 609367

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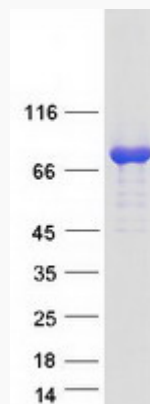
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UniProt ID

Q96EK5

SDS-PAGE

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