

Recombinant Human PTCD3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTCD3-3040H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTCD3 MS Standard C13 and N15-labeled recombinant protein (NP_060422) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Mitochondrial RNA-binding protein that has a role in mitochondrial translation.
Molecular Mass	78.4 kDa
AA Sequence	MAVVS AVRWLGLRSRLGQPLTGRRAGLCEQARSCRFYSGSATLSKVEGTDVTGIEE VVIPKKKTWDKVAVLQALASTVNRDTTAVPYVFQDDPYLMPASSLESRSFLLAKKSG ENVAKFIINSYPKYFQKDIAEPHIPCLMPEYFEPQIKDISEAALKERIELRKVKASVDMF DQLLQAGTTVSLETTNSLLDLLCYYGDQEPSTDYHFQQTGQSEALEEENDETSRRK AGHQFGVTWRAKNNAERIFSLMPEKNEHSYCTMIRGMVKHRAEQALNLYTELLNN RLHADVYTFNALIEATVCAINEKFEEKWSKILELLRHMVAQKVKNLQTFNTILKCLRR FHV FARSPALQVLREMKAIGIEPSLATYHHIIRLFDQPGDPLKRSSFIIYDIMNELMGK RFSPKDPDDDKFFQSAMSICSSLRDLELAYQVHGLLKTGDNWKFIPDQHRNFYYS KFFDLICLMEQIDVTLKWYEDLIPSAYFPHSQTMIHLLQALDVANRLEVIPKIWKDSKE YGHTFRSDLREEILMLMARDKHPPQLQVAFADCAADIKSAYESQPIRQTAQDWPATS LNCIAILFLRAGRTQEAWKMLGLFRKH NKIPRSELLNELMDSAKVSNSPSQAIIEVVEL ASAFSLPICEGLTQRVMSDFAINQEQKEALSNLTALTSDSDTDSSSDSDSDTSEGKT

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RTRPLEQKLISEEDLAANDILDYKDDDDKV

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	PTCD3 pentatricopeptide repeat domain 3 [Homo sapiens (human)]
Official Symbol	PTCD3
Synonyms	PTCD3; pentatricopeptide repeat domain 3; pentatricopeptide repeat-containing protein 3, mitochondrial; DKFZp666K071; FLJ20758; TRG-15; transformation-related gene 15 protein;
Gene ID	55037
mRNA Refseq	NM_017952
Protein Refseq	NP_060422
MIM	614918

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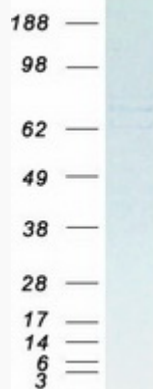
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UniProt ID

Q96EY7

SDS-PAGE

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