

Product datasheet for **TP516423**

Chpf (NM_001001566) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chondroitin polymerizing factor (Chpf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216423 representing NM_001001566 Red =Cloning site Green =Tags(s)

MRASLLLSVLRPAGPVAVGISLGFTLSLLSVTWVEEPCGPGPPQPGDSELPPRGNTNAARRPNSVQPGSER
RERPGAGAGTGESWEPRVLPYHPAQPGQATKKAVRTRYISTELGIRQKLLVAVLTSQATLPTLGAVNRT
LGHRLEHVFLTGARGRTPSGMAVVALGEERPIGHLHLALRHLLEQHGDDFDWFFLVPDATYTEAHGLD
RLAGHLSLASATHLYLGRPQDFIGGDTTPGRYCHGGFGVLLSRTLLQQLRPHLESCRNDIVSARPDEWLG
RCILDATGVGCTGDHEGMHYNYLELSPGEPVQEGDPRFRSALTAHPVRDPVHMYQLHKAFARAELDRYQ
EIQELQWEIQNTSRLAADGERASAWPVGIPAPSRPASRFEVLRWDYFTEQYAFSCADGSPRCPLRGADQA
DVADVLTAL EELNRRYQPALQLKQQLVNGYRRFDPARGMEYTLDLQLEALTPQGGRWPLTRRVQLLRP
LSRVEILPVPYVTEASRLTVLLPLAAAERDLASGFLEAFATAALEPGDAAAALLLLLYEPRQAQRAAHS
VFAPVKAHV AELERRFPGARVPWLSVQTAAPSPLRLMDLLSKKHPLDTLFLLAGPDTVLTDFLNRCRMH
AISGWQAFFPMHFQAFHPAVAPPQGGPPELGRDTGHFDRQAASEACFYNSDYVAARGRLVAASEQEEEL
LESLDVYELFLRFSNLHVLRAVEPALLQRYRAQPCSARLSEDLYHRCRQSVLEGLGSRTQLAMLLFEQEQ
GNST

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	85.5 kDa
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
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 after receiving vials.



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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_001001566
Locus ID:	74241
UniProt ID:	Q6IQX7
RefSeq Size:	3107
Cytogenetics:	1 39.14 cM
RefSeq ORF:	2322
Synonyms:	1700028N03Rik; AI414328; D1Bwg1363e
Summary:	Has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer (By similarity). Isoform 2 may facilitate PRKN transport into the mitochondria. In collaboration with PRKN, isoform 2 may enhance cell viability and protect cells from oxidative stress (By similarity). [UniProtKB/Swiss-Prot Function]