

Product datasheet for **TP300749**

MCG10 (PCBP4) (NM_033008) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human poly(rC) binding protein 4 (PCBP4), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200749 protein sequence Red =Cloning site Green =Tags(s)

MSGSDGGLEEEPELSITLTLRMLMHGKEVGSIIIGKKGETVKRIREQSSARITISEGSCPERITTITGSTA
 AVFHAVSMIAFKLDEDLCAAPANGGNVSRPPVTLRLVIPASQCGSLIGKAGTKIKEIRETTGAQVQVAGD
 LLPNSTERAVTVSGVPDAIILCVRQICAVILESPPKGATIPYHPSLSLGTVLLSANQGFSVQGGYQYAVTP
 AEVTKLQQLSSHAVPFATPSVVPGLDPGTQTSSQEFLVPNDLIGCVIGRQGSKISEIRQMSGAHIKIGNQ
 AEGAGERHVTITGSPVSIALAQYLITACLETAKSTSGGTPSSAPADLPAPFSPPLTALPTAPPGLLGTPY
 AISLSNFIGLKPMFPFLALPPASPGPPPGLAAYTAKMAAANGSKKAERQKFSPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	41.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_127501</u>
Locus ID:	57060


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UniProt ID: [P57723](#)

RefSeq Size: 2040

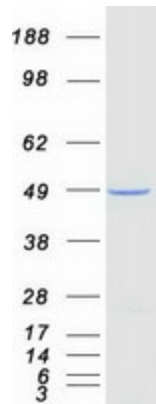
Cytogenetics: 3p21.2

RefSeq ORF: 1209

Synonyms: CBP; LIP4; MCG10

Summary: This gene encodes a member of the KH-domain protein subfamily. Proteins of this subfamily, also referred to as alpha-CPs, bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in post-transcriptional activities and have different cellular distributions. This gene is induced by the p53 tumor suppressor, and the encoded protein can suppress cell proliferation by inducing apoptosis and cell cycle arrest in G(2)-M. This gene's protein is found in the cytoplasm, yet it lacks the nuclear localization signals found in other subfamily members. Multiple alternatively spliced transcript variants have been described, but the full-length nature for only some has been determined. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified PCBP4 protein (Cat# TP300749). The protein was produced from HEK293T cells transfected with PCBP4 cDNA clone (Cat# [RC200749]) using MegaTran 2.0 (Cat# [TT210002]).