

Product datasheet for **TP520724**

Pa2g4 (NM_011119) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse proliferation-associated 2G4 (Pa2g4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220724 representing NM_011119 Red =Cloning site Green =Tags(s)

MSGEDEQQEQTIAEDLVWTKYKMGGDIANRVLRLSVEASSSGVSVLSLCEKGDAMIMEETGKIFKKEKEM
 KKGIAFPTSISVNNVCVCHFSPKSDQDYILKEGDLVKIDLGVHVDGFIANVAHTFVIGVAQGTQVTGRKA
 DVIKAAHLCAEAALRLVKPGNQNTQVTEAWNKVAHSFNCTPIEGMLSHQLKQHVIDGEKTIIQNPTDQQK
 KDHEKAEFEVHEVYAVDVLVSSGEGKAKDAGQRTTIYKRDPKQYGLKMKTSRAFFSEVERRFDAMPFTL
 RAFEDEKKARMGVVECAKHELLQPFNVLYEKEGEFVAQFKFTVLLMPNGPMRITSGPFPDLYKSEMEVQ
 DAELKALLQSSASRKTQKKKKKKASKTVENATSGETLEENGAGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	44.1 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.
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_035249
Locus ID:	18813
UniProt ID:	P50580 , Q3TGU7



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RefSeq Size: 2432

Cytogenetics: 10 D3

RefSeq ORF: 1182

Synonyms: 38kDa; AA672939; Ebp1; Plfap

Summary: May play a role in a ERBB3-regulated signal transduction pathway. Seems be involved in growth regulation. Acts a corepressor of the androgen receptor (AR) and is regulated by the ERBB3 ligand neuregulin-1/herregulin (HRG). Inhibits transcription of some E2F1-regulated promoters, probably by recruiting histone acetylase (HAT) activity. Binds RNA. Associates with 28S, 18S and 5.8S mature rRNAs, several rRNA precursors and probably U3 small nucleolar RNA. May be involved in regulation of intermediate and late steps of rRNA processing. May be involved in ribosome assembly (By similarity). Mediates cap-independent translation of specific viral IRESs (internal ribosomal entry site). Together with PTBP1 is required for the translation initiation on the foot-and-mouth disease virus (FMDV) IRES. Regulates cell proliferation, differentiation, and survival. Isoform 1 suppresses apoptosis whereas isoform 2 promotes cell differentiation (By similarity).[UniProtKB/Swiss-Prot Function]