

Product datasheet for **TP310230L**

EBP1 (PA2G4) (NM_006191) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proliferation-associated 2G4, 38kDa (PA2G4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210230 representing NM_006191 Red =Cloning site Green =Tags(s)

MSGEDEQQEQTIAEDLVVTKYKMGDIANRVLRSLSVEASSSGVSVLSLCEKGDAMIMEETGKIFKKEKEM
KKGIAFPTSISVNNCVCHFSPKSDQDYILKEGDLVKIDLVHVDGFIANVAHTFVVDVAQGTQVTGRKA
DVIKAAHLCAEAALRLVKPGNQNTQVTEAWNKVVAHSFNCTPIEGMLSHQLKQHVIDGEKTIIQNPTDQQK
KDHEKAEFEVHEVYAVDVLVSSGEGKAKDAGQRTTIYKRDPKQYGLKMKTSRAFFSEVERRFDAMPFTL
RAFEDEKKARMGVVECAKHELLQPFNVLYEKEGEFVAQFKFTVLLMPNGPMRITSGPFEPDLYKSEMEVQ
DAELKALLQSSASRKTQKKKKKKKASKTAENATSGETLEENEAGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	43.6 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:	NP_006182
Locus ID:	5036



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UniProt ID: [Q9UQ80](#), [A0A024RB85](#)

RefSeq Size: 2643

Cytogenetics: 12q13.2

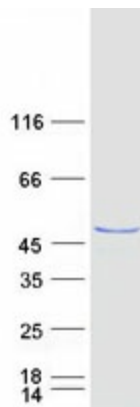
RefSeq ORF: 1182

Synonyms: EBP1; HG4-1; p38-2G4

Summary: This gene encodes an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Six pseudogenes, located on chromosomes 3, 6, 9, 18, 20 and X, have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified PA2G4 protein (Cat# [TP310230]). The protein was produced from HEK293T cells transfected with PA2G4 cDNA clone (Cat# [RC210230]) using MegaTran 2.0 (Cat# [TT210002]).