OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR09457PU-L

PA2G4 / EBP1 (1-394, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PA2G4 / EBP1 (1-394, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSGEDEQQEQ TIAEDLVVTK YKMGGDIANR VLRSLVEASS SGVSVLSLCE KGDAMIMEET GKIFKKEKEM KKGIAFPTSI SVNNCVCHFS PLKSDQDYIL KEGDLVKIDL GVHVDGFIAN VAHTFVVDVA QGTQVTGRKA DVIKAAHLCA EAALRLVKPG NQNTQVTEAW NKVAHSFNCT PIEGMLSHQL KQHVIDGEKT IIQNPTDQQK KDHEKAEFEV HEVYAVDVLV SSGEGKAKDA GQRTTIYKRD PSKQYGLKMK TSRAFFSEVE RRFDAMPFTL RAFEDEKKAR MGVVECAKHE LLQPFNVLYE KEGEFVAQFK FTVLLMPNGP MRITSGPFEP DLYKSEMEVQ DAELKALLQS SASRKTQKKK KKKASKTAEN ATSGETLEEN EAGDLEHHHH HH
Tag:	His-tag
Predicted MW:	44.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PA2G4 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006182
Locus ID:	5036
UniProt ID:	Q9UQ80, A0A024RB85
Cytogenetics:	12q13.2

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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: