

Product datasheet for PH310230

EBP1 (PA2G4) (NM_006191) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PA2G4 MS Standard C13 and N15-labeled recombinant protein (NP_006182)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210230
Predicted MW:	43.6 kDa
Protein Sequence:	>RC210230 representing NM_006191 Red=Cloning site Green=Tags(s) MSGEDEQQEQTIAEDLVVTKYKMGDIA NRVL RSLVEASSSGVSVLSLCEKGDAMIMEETGKIFKKEKEM KKGIAFP T S I S V N N C V C H F S P L K S D Q D Y I L K E G D L V K I D L G V H V D G F I A N V A H T F V V D V A Q G T Q V T G R K A D V I K A A H L C A E A A L R L V K P G N Q N T Q V T E A W N K V A H S F N C T P I E G M L S H Q L K Q H V I D G E K T I I Q N P T D Q Q K K D H E K A E F E V H E V Y A V D V L V S S G E G K A K D A G Q R T T I Y K R D P S K Q Y G L K M K T S R A F F S E V E R R F D A M P F T L R A F E D E K K A R M G V V E C A K H E L L Q P F N V L Y E K E G E F V A Q F K F T V L L M P N G P M R I T S G P F E P D L Y K S E M E V Q D A E L K A L L Q S S A S R K T Q K K K K K K A S K T A E N A T S G E T L E E N E A G D TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006182</u>
RefSeq Size:	2643
RefSeq ORF:	1182
Synonyms:	EBP1; HG4-1; p38-2G4
Locus ID:	5036



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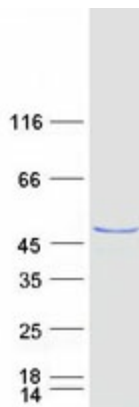
UniProt ID: [Q9UQ80](#), [A0A024RB85](#)

Cytogenetics: 12q13.2

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]).