

Datasheet for ABIN666989

PA2G4 Protein (AA 1-394) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PA2G4
Protein Characteristics:	AA 1-394
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PA2G4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PA2G4, 1-394aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	PA2G4
Alternative Name:	PA2G4 (PA2G4 Products)
Background:	PA2G4, also known as EBP1 (ErbB-3-binding protein 1), is a member of the peptidase M24C family and functions as an RNA-binding protein involved in cellular proliferation and differentiation processes. It is a component of pre-ribosomal ribonucleoprotein complexes, participating in ribosome assembly and regulating the later steps of rRNA processing. In addition, this protein interacts with ErbB-3 and may function as a modulator of the ErbB-3

Target Details

mediated signal transduction pathway by regulating the effects of Neuregulin-1. Recombinant human PA2G4 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: EBP1, HG4-1, p38-2G4, Proliferation-associated protein 2G4 38kDa, AA672939, Cell cycle protein p38 2G4 homolog, ErbB-3 binding protein 1, ErbB3 binding protein 1 ErbB3-binding protein Ebp1, hG4 1, IRES-specific cellular trans-acting factor 45 kDa, MGC81621, MGC94070, Mpp1.M545, p38 2G4, PA2G4, Plfap, Proliferation associated 2G4, zgc:86732, Proliferation associated 2G4, 38-KD, Proliferation-associated 2G4, 38kDa, Proliferation-associated 2G4, a, Proliferation-associated protein 1 Protein p38-2G4, si:dz150i12.2, wu:fb19b11, wu:ft56d05,. NCBI no.: NP_006182

Molecular Weight: 44.8kDa (402aa), confirmed by MALDI-TOF

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of Carbohydrate Metabolic Process](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

Restrictions: For Research Use only

Handling

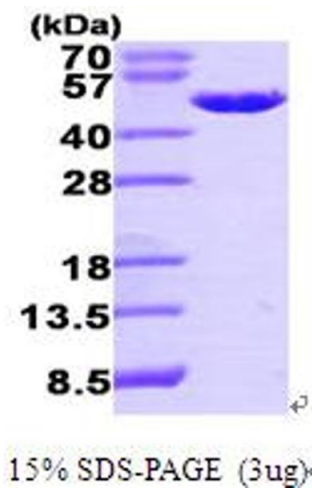
Format: Liquid

Concentration: 1.0 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Storage: 4 °C

Images



SDS-PAGE
Image 1.