

PA2G4, 1-394aa, Human, His tag, E.coli

Cat.NO.: TP03280

3th Edition

Synonyms: Proliferation-associated protein 2G4, EBP1, HG4-1, p38-2G4.

Description: 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 mediated signal transduction pathway by regulating the effects of Neuregulin-1.

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

Molecular Weight: 44.8kDa (402aa)

Sequences:

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MSGEDEQQEQTIAEDLVVTKYKMGGDIANRVLRLVEASSSGVSVLSLCEKGDAMIMEETGKIFKKEKEMKKGIAFP  
TSISVNNVCVCHFSPKSDQDYILKEGDLVKIDLVHVDGFIANVAHTFVVDVAQGTQVTGRKADVIKAAHLCAEAALR  
LVKPGNQNTQVTEAWNKVVAHSFNCTPIEGMLSHQLKQHVIDGEKTIQNPDTDQKKDHEKAEFEVHEVYAVDVLVS  
SGEGKAKDAGQRTTIYKRDPKQYGLKMKTSRAFFSEVERRFDAMPFTLRAFEDKKARMGVVECAKHELLQPFN  
VLYEKEGEFVAQFKFTVLLMPNGPMRITSGPFEPDLYKSEMEVQDAELKALLQSSASRKTQKKKKKASKTAENAT  
SGETLEENEAGDLEHHHHHH
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Purity: > 95% by HPLC

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

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.