

Human PA2G4

Synonyms: Proliferation-associated protein 2G4, Cell cycle protein p38-2G4 homolog, hG4-1, ErbB3-binding protein 1, PA2G4, EBP1, p38-2G4.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	4075.950.005		
25 µg	4075.950.025		
1 mg	4075.950.199		

Please enquire for bulk quantities and other vial sizes

Description

PA2G4 produced in *E. Coli* is a single, non-glycosylated polypeptide chain containing 402 amino acids (1-394 a.a.) and having a molecular mass of 44.8kDa. PA2G4 is fused to 8 amino acids His Tag at C-terminus.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The PA2G4 protein solution contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol*
- **Physical state** Sterile filtered colorless solution

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MSGEDEQQEQ TIAEDLVVTK YKMGDIANR VLRLSVEASS SGVSVLSLCE KGDAMIMEET GKIFKKEKEM
 KKGIAFPTSI SVNVCVCHFS PLKSDQDYI LKEGDLVKID LGVHVDGFIA NVAHTFVVDV AOGTQVTGRK
 ADVIKAAHLC AEAALRLVKP GNQNTQVTEA WNKVAHSFNC TPIEGMLSHQ LKQHVIDGEK TIIQNPTDQQ
 KKDHEKAEFE VHEVYAVDVL VSSGEGKAKD AGQRTTIYKR DPSKQYGLKM KTSRAFFSEV ERRFDAMPFT
 LRAFEDKKA RMGVVECAKH ELLQPFNVLY EKEGEFVAQF KFTVLLMPNG PMRITSGPFE PDLYKSEMEV
 QDAELKALLQ SSASRKTQKK KKKKASKTAE NATSGETLEE NEAGDLEHHH HHH

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
 Tel.: +49 40 43208448-0
 order@active-bioscience.de
 www.active-bioscience.de

TECHNICAL SUPPORT
 Tel.: +49 40 43208448-11
 support@active-bioscience.de

Active Bioscience GmbH
 Oberaltenallee 8
 D-22081 Hamburg
 HRB 98170 Amtsgericht Hamburg