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BABAM1, 1-329aa, Human, His tag, E.coli

产品货号: TP01289

第三版

别名:BRISC and BRCA1-A complex member 1, C19orf62, HSPC142, MERIT40, NBA1

描述:BABAM1 is a component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX. In the BRCA1-A complex, it is required for the complex integrity and its localization at DSBs. Recombinant human BABAM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

分子量:38.9 kDa(352aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMEVAEPSSPTEEEEEEHSAEPRPRTRSNPEGAEDRAVGAQASVGSRSEGEGEAAS
ADDGSLNTSGAGPKSWQVPPPAPEVQIRTPRVNCPKVIICLDLSEEMSLPKLEFNGSKTNALNVSQKMIEMFVRTKHKID
KSHEFALVVVNDTAWLSGLTSDPRELCSCLYDLETASCSTFNLEGLFSLIQKTELPVTENVQTIPPPYVVRTILVYSRPPC
QPQFSLTEPMKKMFQCPYFFFDVVYIHNGTEEKEEEMSWKDMFAFMGSLDTKGTYSYKYEVALAGPALELHNCMAKLLAH
PLQRPCQSHASYSLLLEEDEAIEVEATV

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.