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BUB3, 1-328aa Human, His tag, E.coli

产品货号: TP01376

第三版

别名: Mitotic checkpoint protein BUB3, BUB3L, hBUB3

描述: Mitotic checkpoint protein BUB3, also known as BUB3, is a conserved component of the mitotic spindle assembly complex (MCC). The encoded protein contains four WD repeat domains and has sequence similarity with the yeast BUB3 protein. BUB3 is essential for the kinetochore localization of BUB1 and BUBR1. BUB3 is involved in the essential spindle checkpoint pathway that operates during early embryogenesis. In addition, BUB3 plays a role in regulating the establishment of correct kinetochore-microtubule attachments. Recombinant human BUB3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 39.5 kDa (351aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMTGSNEFKLNQPPEDGISSVKFSPNTSQFLLVSSWDTSVRLYDVPANSMRLKYQHT
GAVLDCAFYDPTHAWSGGLDHQLKMHDNLTDQENLVGTHDAPIRCVEYCPEVNVMTGSDQTVKLWDPRTPCNA
GTFSQPEKVYTLVSGDRLIVGTAGRRVLVWDLRNMGYVQQRRESSLKYQTRCIRAFPNKQGYVLLSSIEGRVAVEYLDPSP
EVQKKKYAFKCHRLKENNIEQIYPVNAISFHNIHNTFATGGSDGFVNIWDPFNKKRLCQFHRYPTSIASLAFSNDGTTLAIA
SSYMYEMDDTEHPEDGIFIRQVTD AETKPKSPCT

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.