

32-3357: BUB3 Recombinant Protein

Alternative Name : BUB3L,hBUB3,Mitotic checkpoint protein BUB3.

Description

Source : Escherichia Coli. BUB3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 351 amino acids (1-328 a.a.) and having a molecular mass of 39.5kDa. BUB3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Mitotic checkpoint protein BUB3, (BUB3), is a saved component of the mitotic spindle assembly complex (MCC). The encoded protein has 4 WD repeat domains and has a similar sequence as the yeast BUB3 protein. BUB3 is vital for the kinetochore localization of BUB1 and BUBR1. BUB3 participates in the central spindle checkpoint pathway that operates during early embryogenesis. Furthermore BUB3 has a part in regulating the establishment of correct kinetochore-microtubule attachments.

Product Info

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| Amount : | 20 µg |
| Purification : | Greater than 85.0% as determined by SDS-PAGE. |
| Content : | BUB3 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. |
| Storage condition : | 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). Avoid multiple freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSMTGSNEF KLNQPPEDGI SSVKFSPNTS QFLLVSSWDT SVRLYDVPAN SMRLKYQHTG AVLDCAFYDP THAWSGGLDH QLKMHDLNTD QENLVGTHDA PIRCVEYCPE VNVMVTGSWD QTVKLWDPRT PCNAGTFSQP EKVYTLVSG DRLIVGTAGR RVLVWDLRNM GYVQQRRESS LKYQTRCIRA FPNKQGYVLS SIEGRVAVEY LDPSPEVQKK KYAFKCHRLK ENNIEQIYPV NAISFHNIHN TFATGGSDGF VNIWDPFNKK RLCQFHHRYPT SIASLAFSND GTTLAIASSY MYEMDDTEHP EDGIFIRQVT DAETKPKSPC T. |

