

BUB3 recombinant protein

Recombinant Human BUB3

CATALOG # AAA39052	HOST E Coli
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PRODUCT SYNONYMS

BUB3; Recombinant Human BUB3; BUB3 Human; BUB3 Human Recombinant; BUB3L; hBUB3; Mitotic checkpoint protein BUB3; BUB3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	BUB3 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Sterile Filtered clear solution.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGS MTGSNEFKLN QPPEDGISSV KFSPNTSQFL LVSSWDTSVR LYDVPANSMR LKYQHTGAVL DCAFYDPHTA WSGGLDHQLK MHDLNTDQEN LVGTHDAPIR CVEYCPENVV MVTGSDWQTV KLWDPRTPCN AGTFSQPEKV YTLSSVSGDRL IVGTAGRRVL VWDLRNMGYV QQRRESSLKY QTRCIRAFPN KQGYVLSSIE GRVAVEYLDP SPEVQKKKYA FKCHRLKENN IEQIYPVNAI SFHNIHNTFA TGGSDGFVNI WDPFNKKRLC QFHRYPTSIA SLAFSNDGTT LAIASSYME MDDTEHPEDG IFIRQVTDAE TKPKSPCT.</u> < /u>
Sequence Length	326

ADDITIONAL INFORMATION

Related Product Information for BUB3 recombinant protein	Description: 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. Introduction: 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 Categories/Family for BUB3 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	56550081
NCBI GeneID	9184
NCBI Accession #	NP_001007794.1
NCBI GenBank Nucleotide #	NM_001007793.2
UniProt Accession #	O43684 ; O43685 ; A6NJ42 ; B2R6E7 ; D3DRE9
NCBI Official Full Name	mitotic checkpoint protein BUB3 isoform b
NCBI Official Synonym Full Names	BUB3 mitotic checkpoint protein

NCBI Official Symbol	BUB3
NCBI Official Synonym Symbols	BUB3L; hBUB3
NCBI Protein Information	mitotic checkpoint protein BUB3; BUB3 budding uninhibited by benzimidazoles 3 homolog; budding uninhibited by benomyl; mitotic checkpoint component
UniProt Protein Name	Mitotic checkpoint protein BUB3
UniProt Gene Name	BUB3
UniProt Entry Name	BUB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bub3-recombinant-protein-e-coli/39052>