

BUB3 Human Recombinant

Item Number	rAP-3738
Synonyms	BUB3L, hBUB3, Mitotic checkpoint protein BUB3.
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.
Uniprot Accession Number	O43684
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTGSNEF KLNQPPEDGI SSVKFSPNTS QFLLVSSWDT SVRLYDVPAN SMRLKYQHTG AVLDFCAFYDP THAWSGGLDH QLKMHDLNTD QENLVGTHDA PIRCVEYCPE VNMVMTGSWD QTVKLWDPRT PCNAGTFSQP EKVYTLVSVSG DRLIVGTAGR RVLVWDLRNM GYVQQRRESS LKYQTRCIRA FPNKQGYVLS SIEGRVAVEY LDPSPEVQKK KYAF- KCHRLK ENNIEQIYPV NAISFHNIHN TFATGGSDGF VNIWDPFNKK RLCQFHRYPT SIASLAFSND GTT- LAIASSY MYEMDDTEHP EDGIFIRQVT DAETKPKSPC T.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	BUB3 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**