9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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BUB3 Human

BUB3 Human Recombinant
RCP0243

Product Overview

Name	BUB3 Human
Description	
BUB3 Human Recombinant	
Accession (Primary)	O43684
Synonyms	
BUB3L, hBUB3, Mitotic checkpoint protein BUB3.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
BUB3 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MTGSNEF KLNQPPEDGI SSVKFSPNTS QFLLVSSWDT SVRLYDVPAN SMRLKYQHTG AVLDCAFYDP THAWSGGLDH QLKMHDLNTD QENLVGTHDA PIRCVEYCPE VNVMVTGSWD QTVKLWDPRT PCNAGTFSQP EKVYTLSVSG DRLIVGTAGR RVLVWDLRNM GYVQQRRESS LKYQTRCIRA FPNKQGYVLS SIEGRVAVEY LDPSPEVQKK KYAFKCHRLK ENNIEQIYPV NAISFHNIHN TFATGGSDGF	

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VNIWDPFNKK RLCQFHRYPT SIASLAFSND GTTLAIASSY MYEMDDTEHP EDGIFIRQVT DAETKPKSPC T.

Precautions

BUB3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43684)