

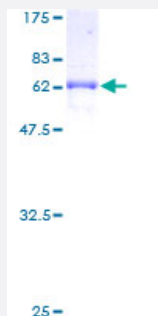
Full-Length

BUB3 (Human) Recombinant Protein (P01)

Catalog # H00009184-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BUB3 full-length ORF (AAH05138, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTGSNEFKLNQPPEDGISSVKFSPNTSQFLLVSSWDTSVRLYDVPANSMRLKYQHTGAVLDCAF
YDPHTAWSGGLDHQLKMHDNLNDQENLVGTHDAPIRCVEYCPEVNVMTGSDQTVKLWDPRT
PCNAGTFSQPEKVYTLVSGDRLVGTAGRRVLVWDLRNMGYVQQRRESSLKYQTRCIRAFPNK
QGYVLSSIEGRVAVEYLDPSPEVQKKKYAFKCHRLKENNIEQYPVNAISFHNIHNTFATGGSDGFV
NIWDPFNKKRLCQFHRYPTSIASLAFSNDGTTLAASSYMYEMDDTEHPEDGIFIRQVTD AETPKS
PCT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.82

Interspecies Antigen Sequence

Mouse (100); Rat (100)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BUB3

Entrez GeneID[9184](#)**GeneBank Accession#**[BC005138](#)**Protein Accession#**[AAH05138](#)**Gene Name**

BUB3

Gene Alias

BUB3L, hBUB3

Gene Description

budding uninhibited by benzimidazoles 3 homolog (yeast)

Omim ID[603719](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein involved in spindle checkpoint function. The encoded protein contains four WD repeat domains and has sequence similarity with the yeast BUB3 protein. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

BUB3 budding uninhibited by benzimidazoles 3 homolog|OTTHUMP00000020679|OTTHUMP0000020680|budding uninhibited by benomyl|budding uninhibited by benzimidazoles 3|mitotic checkpoint component

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)