

Recombinant Human BUB3, GST-tagged

Cat. No. BUB3-10336H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human BUB3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 124-253a.a. |
| Description | 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. |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| Gene Name | BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast) [Homo sapiens] |
| Official Symbol | BUB3 |

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| Synonyms | BUB3; budding uninhibited; BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog; mitotic checkpoint protein BUB3; BUB3L; mitotic checkpoint component; budding uninhibited by benomyl; BUB3 budding uninhibited by benzimidazoles 3 homolog; hBUB3; |
| Gene ID | 9184 |
| mRNA Refseq | NM_001007793 |
| Protein Refseq | NP_001007794 |
| MIM | 603719 |
| UniProt ID | O43684 |
| Chromosome Location | 10q24 |
| Pathway | APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; |
| Function | protein binding; |

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