

Recombinant Human BUB1 protein, His-tagged

Cat. No. BUB1-2948H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BUB1 protein(785-1083 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	785-1083 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	<p> KLVYVHHLLGEGAFQAQVYEATQGDLDNAKNKQKFLVKVQKPANPWEFYIGTQLMER LKPSMQHMFMKFYSAHLFQNGSVLVGELYSYGTLNAINLYKNTPEKVMPPQGLVISF AMRMLYMIEQVHDCEIIHGDIKPDNFILGNGFLEQDDEDDLSAGLALIDLGQSIDMKLF PKGTIFTAKCETSGFQCVEMLSNKPWNYQIDYFGVAATVYCMLFGTYMKVKNEGGE CKPEGLFRRLPHLDMWNEFFHVMLNIPDCHHPLSLDLLRQKLKKVFQQHYTNKIRAL RNRLIVLLLECKRS </p>
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw</p>

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[BUB1 budding uninhibited by benzimidazoles 1 homolog \(yeast\) \[Homo sapiens \]](#)

Official Symbol

[BUB1](#)

Synonyms

BUB1; budding uninhibited; BUB1L, budding uninhibited by benzimidazoles 1 (yeast homolog); mitotic checkpoint serine/threonine-protein kinase BUB1; BUB1A; hBUB1; mitotic spindle checkpoint kinase; putative serine/threonine-protein kinase; BUB1 budding uninhibited by benzimidazoles 1 homolog; BUB1L;

Gene ID

[699](#)

mRNA Refseq

[NM_004336](#)

Protein Refseq

[NP_004327](#)

MIM

[602452](#)

UniProt ID

[O43683](#)

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