

Recombinant Human BARD1 protein, His-tagged

Cat. No. BARD1-228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BARD1 protein(NP_000456)(428-777 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	428-777 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.
AA Sequence	GETLLHIASIKGDIPSVEYLLQNGSDPNVKDHAGWTPLEACNHGHLKVVELLLQHK ALVNTTGYQNDSP LHDAAKNGHV DIVKLLLSYGASRNAVNIFGLRPVDYTDDESMKS LLLLPEKNESSSASHCSVMNTGQRRDGPLVLIGSGLSSEQQKMLSELAVILKAKKYT EFDSTVTHVVVPGDAVQSTLKCMLGILNGCWILKFEWVKACLRRKVCEQEEKYEIPE GPRRSRLNREQLLPKLF DGCYFY LWGTFKHHPKDNLIKLV TAGGGQILSRKPKPDSD VTQTINTVAYHARPDS DQRFCTQYIIYEDLCNYHPERVRQGK VWKAPSSWFIDCVM SFELLPLDS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 µg/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 [BARD1 BRCA1 associated RING domain 1 \[Homo sapiens \]](#)

Official Symbol [BARD1](#)

Synonyms BARD1; BRCA1 associated RING domain 1; BRCA1-associated RING domain protein 1; BARD-1; BRCA1-associated RING domain gene 1; BRCA1 associated RING domain 1 isoform eta; BRCA1 associated RING domain 1 isoform phi; BRCA1 associated RING domain 1 isoform alfa; BRCA1 associated RING domain 1 isoform beta; BRCA1 associated RING domain 1 isoform delta; BRCA1 associated RING domain 1 isoform gamma; BRCA1 associated RING domain 1 isoform epsilon;

Gene ID [580](#)

mRNA Refseq [NM_000465](#)

Protein Refseq [NP_000456](#)

MIM [601593](#)

UniProt ID [Q99728](#)

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