

## Recombinant Human BARD1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BARD1 protein(NP_000456)(428-777 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	428-777 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	GETLLHIASIKGDIPSVEYLLQNGSDPNVKDHAGWTPLEACNHGHLKVVELLQHK ALVNTTGYQNDSP LHDAAKNGHV DIVKLLLSYGASRNAVNIFGLRPVDYTDDESMKS LLLLPEKNESSSASHCSVMNTGQRRDGPLVLIGSGLSSEQQKMLSELAVILKAKKYT EFDSTVTHVVVPGDAVQSTLKCMLGILNGCWILKFEWVKACLRRKVCQEKEEYIPE GRRSRLNREQLLPKLF DGCYFY LWGTFKHHPKDNLIKLV TAGGGQILSRKPKPDS VTQTINTVAYHARPDS DQR FCTQYIIYEDLCNYHPERVRQGK VWKAPSSWFIDCVM SFELLPLDS
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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 Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

**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** [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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