

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 LHDAAKNGHVDIVKLLLSYGASRNAVNIFGLRPVDYTDDESMKS LLLLPEKNESSSASHCSVMNTGQRRDGPLVLIGSGLSSEQQKMLSELAVILKAKKYT EFDSTVTHVVVPGDAVQSTLKCMLGILNGCWILKFEWVKACLRRKVCEQEEKYEIPE GPRRSRLNREQLLPKLFDCYFYLWGTFKHHPKDNLIKLVTAGGGQILSRKPKPDSD VTQTINTVAYHARPDSQRFCTQYIIYEDLCNYHPERVRQGKVKAPSSWFIDCVM 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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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