

Recombinant Human DDB1 protein, His-tagged

Cat. No. DDB1-11877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDB1 protein(1-400 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-400 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	MSYNYVVTAQKPTAVNGCVTGHFTSAEDLNLLIAKNTRLEIYVVTAEGLRPVKEVGM YGKIAVMELFRPKGESKDLLFILTAKEYNACILEYKQSGESIDIITRAHGNVQDRIGRPS ETGIIGIIDPECRMIGLRLYDGLFKVIPLDRDNKELKAFNIRLEELHVIDVKFLYGCQAPT ICFVYQDPQGRHVKTYEVSLREKEFNKGPWKQENVEAEASMVIAPPEPFGGAIIGQ ESITYHNGDKYLAIPPIIKQSTIVCHNRVDPNGSRYLLGDMEGRLFMLLLEKEEQMD GTVTLKDLRVELLGETSIAECLTYLDNGVVVFGSRLGDSQLVKLNVDNEQGSYVVA METFTNLGPIVDMCVVDLERQGQGQLVTCSGAFKEGSLRIIRNGIGIHEHA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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 DDB1 damage-specific DNA binding protein 1, 127kDa [Homo sapiens]

Official Symbol DDB1

Synonyms DDB1; damage-specific DNA binding protein 1, 127kDa; damage specific DNA binding protein 1 (127kD); DNA damage-binding protein 1; XPE; XAP-1; UV-DDB 1; DDB p127 subunit; XPE-binding factor; HBV X-associated protein 1; DNA damage-binding protein a; UV-damaged DNA-binding factor; UV-damaged DNA-binding protein 1; damage-specific DNA-binding protein 1; xeroderma pigmentosum group E-complementing protein; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1;

Gene ID 1642

mRNA Refseq NM_001923

Protein Refseq NP_001914

MIM 600045

UniProt ID Q16531

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