

Recombinant Human DDB1 protein, GST-tagged

Cat. No. DDB1-28308TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDB1(1 a.a. - 1140 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Protein Length	1-1140 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	153.4 kDa
AA Sequence	MSYNYVVTAQKPTAVNGCVTGHFTSAEDLNLLIAKNTRLEIYVVTAEGLRPVKEVGM YGKIAVMELFRPKGESKD LLFILTAKNACILEYKQSGESIDIITRAHGNVQDRIGRPS ETGIIGIIDPECRMIGRLRLYDGLFKVIPLDRDNK ELKAFNIRLEELHVIDVKFLYGCQAP TICFVYQDPQGRHVKTYEVSLREKEFNKGPWKQENVEAEASMVIAPPEP FGGAIIG QESITYHNGDKYLAIPPIIKQSTIVCHNRVDPNGSRYLLGDMEGRLFMILLEKEEQM DGTVTCLKDL RVELLGETSIAECLTYLDNGVVFVGSRLGDSQLVKLNVD SNEQGSYV VAMETFTNLGPIVDMCVVDLERQGQGQL VTC SGAFKEGSLRIIRNGIGIHEHASIDLP GIKGLWPLRSDPNRETDDTLVLSFVGQTRVLMLNGEEVEETELMG FVDDQQTFFC GNVAHQQLIQITSASVRLVSQEPKALVSEWKEPQAKNISVASCNSSQVVAVGRALY YLQIHPQE LRQISHTEMEHEVACLDITPLGDSNGLSPLCAIGLWTDISARILKLPSFEL LHKEMLGGEIIPRSILMTTFESSH YLLCALGDGALFYFGLNIETGLLSDRKKVTLGTQ PTVLRTRFSLSTTNVFACSDRPTVIYSSNHKLVFSNVNLKE VNYMCPLNSDGYPSL

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ALANNSTLTIGTIDEIQKLHIRTVP LYESPRKICYQEVSQC FGV LSSRIEVQDTSGGTT
 ALRPSASTQALSSSVSSSKLFSSSTAPHETSFGE EVEVHNLLIIDQHTFEVLHAHQFL
 QNEYALSLVSCKLGKDP NTYFIVGTAMVYPEEAEPKQGRIVVFQYSDGKLQTVAEK
 EVKGAVYSMVEFNGKLLASINSTVRLYEWTTEKELR TECNHYNNIMALYLKTKGDFI
 LVGDLMRSVLLLAYKPMEGNFEEIARDFNPNWMSAVEILDDDNFLGAENAFNLF VC
 QKDSAATTDEERQHLQEVLGFLHGEFVNVFCHGSLVMQNLGETSTPTQGSVLFGTV
 NGMIGLVTSLSSESWYNL LLDMQNRLNKVIKSVGKIEHSFWRSFHTERKTEPATGFID
 GD LIESFLDISRPKMQEVVANLQYDDGSGMKREAT ADDLIKVVEELTRIH

Applications

Enzyme-linked Immunoabsorbent; Assay Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

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mRNA Refseq	NM_001923
Protein Refseq	NP_001914
MIM	600045
UniProt ID	Q16531
Chromosome Location	11q12-q13
Pathway	Cul4-DDB1-CSA complex, organism-specific biosystem; Cul4-DDB1-DDB2 complex, organism-specific biosystem; DNA Repair, organism-specific biosystem; Dual incision reaction in GG-NER, organism-specific biosystem; Formation of incision complex in GG-NER, organism-specific biosystem; Global Genomic NER (GG-NER), organism-specific biosystem; Nucleotide Excision Repair, organism-specific biosystem;
Function	DNA binding; damaged DNA binding; protein binding;

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