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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DDB1 (Human) Recombinant Protein (P01)

Catalog Number: H00001642-P01

Regulation Status: For research use only (RUO)

Product Description: Human DDB1 full-length ORF (XP_001128983.1, 1 a.a. - 1140 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSYNYVVTAQKPTAVNGCVTGHFTSAEDLNLLIAKNT
RLEIYVVTAEGLRPVKEVGMYGKIAVMELFRPKGESKD
LLFILTAKYNACILEYKQSGESIDIITRAHGNVQDRIGRP
SETGIIGIDPECRMIGLRLYDGLFKVIPLDRDNKELKAF
NIRLEELHVIDVKFLYGCQAPTICFVYQDPQGRHVKT
YEVSLREKEFNKGPWKQENVEAEASMVIAVPEPFGGAIL
IGQESITYHNGDKYLAIPPIIKQSTIVCHNRVDPNGSR
YLLGDMEGRLFMILLEKEEQMDGTVLTKDLRVELLGE
TSIAECLTYLDNGVVFVGSRLGDSQLVKNLNVDSNEQG
SYVAMETFTNLGPIVDMCVVDLERQGGQLVTCGSA
FKEGSLRIIRNGIGIHEHASIDLPGIKGLWPLRSDPNRET
DDTLVLSFVGQTRVLMNGEEVEETELMGFVDDQQT
FCGNVAHQQLIQITSASVRLVSQEPKALVSEWKEPQA
KNISVASCNSSQVVAVGRALYYLQIHPQELRQISHT
MEHEVACLDITPLGDSNGLSPLCAIGLWTDISARILKLP
SFELLHKEMLGGEIIPRSILMTTFESSHYLLCALGDGAL
FYFGLNIETGLLSDRKKVTLGTQPTVLRTRFRSLSTTNV
FACSDRPTVIYSSNHKLVSFVNLKEVNYMCPNLSG
YVSDGKLVQVAEKEVKGAVYSMVEFNGKLLASIN
STVRLYEWTTEKELRTECNHYNIMALYLKTKGDF
ILVGDLMRSVLLLAYKPMEGNFEEIARDFNPNW
MSAVEILDDNFLGAENAFNLFVCQKDSAATTDEER
QHLQEVGLFHLGFEVNVFCHGSLVMQNLGETSTPT
QGSVLFGTVNGMIGLVTSLSWYNLLLDQMRLNKVI
KSVGKIEHSFWRSFHTERKTEPATGFDGLIESFL
DISRPKM QEVVANLQYDDGSGMKREATADDLIKV
VEELTRIH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 153.4

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1642

Gene Symbol: DDB1

Gene Alias: DDBA, UV-DDB1, XAP1, XPCE, XPE, XPE-BF

Gene Summary: This gene encodes the large subunit of DNA damage-binding protein which is a heterodimer composed of a large and a small subunit. This protein functions in nucleotide-excision repair. Its defective activity causes the repair defect in the patients with xeroderma pigmentosum complementation group E (XPE). However, it remains for mutation analysis to demonstrate whether the defect in XPE patients is in this gene or the gene encoding the small subunit. In addition, Best vitelliform macular dystrophy is mapped to the same region as this gene on 11q, but no sequence alternations of this gene are demonstrated in Best disease patients. [provided by RefSeq]