Datasheet for ABIN1351259

DDB2 Protein (AA 1-427) (GST tag)

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Overview

Quantity:	25 µg
Target:	DDB2
Protein Characteristics:	AA 1-427
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDB2 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	DDB2 (Human) Recombinant Protein (P01)
Sequence:	MAPKKRPETQ KTSEIVLRPR NKRSRSPLEL EPEAKKLCAK GSGPSRRCDS DCLWVGLAGP QILPPCRSIV RTLHQHKLGR ASWPSVQQGL QQSFLHTLDS YRILQKAAPF DRRATSLAWH PTHPSTVAVG SKGGDIMLWN FGIKDKPTFI KGIGAGGSIT GLKFNPLNTN QFYASSMEGT TRLQDFKGNI LRVFASSDTI NIWFCSLDVS ASSRMVVTGD NVGNVILLNM DGKELWNLRM HKKKVTHVAL NPCCDWFLAT ASVDQTVKIW DLRQVRGKAS FLYSLPHRHP VNAACFSPDG ARLLTTDQKS EIRVYSASQW DCPLGLIPHP HRHFQHLTPI KAAWHPRYNL IVVGRYPDPN FKSCTPYELR TIDVFDGNSG KMMCQLYDPE SSGISSLNEF NPMGDTLASA MGYHILIWSQ EEARTRK
Characteristics:	Human DDB2 full-length ORF (NP_000098.1, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.

Product Details

Purification:	in vitro wheat germ expression system

Target Details

Target:	DDB2
Alternative Name:	DDB2 (DDB2 Products)
Background:	Full Gene Name: damage-specific DNA binding protein 2, 48 kDa Synonyms: DDBB,FLJ34321,UV-DDB2
Gene ID:	1643
NCBI Accession:	NM_000107
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Robu, Shah, Petitclerc, BrindAmour, Kandan-Kulangara, Shah: "Role of poly(ADP-ribose) polymerase-1 in the removal of UV-induced DNA lesions by nucleotide excision repair." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 110, Issue 5, pp. 1658-63, (2013) (PubMed).

Images

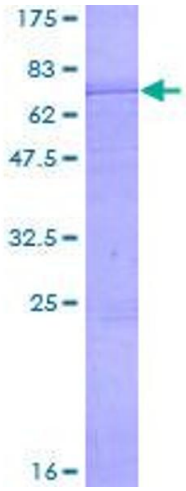

Image 1.