

# Recombinant Human DDB2

Catalog No: #GP10355



Package Size: #GP10355-1 100ug

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## Description

Product Name	Recombinant Human DDB2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 128-427 amino acids of human DDB2
Target Name	damage-specific DNA binding protein 2
Other Names	XPE; DDBB; UV-DDB2
Accession No.	Swissprot:Q92466Gene Accession:BC000093
Uniprot	Q92466
GeneID	1643;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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