

Product Datasheet

Recombinant Human XPE/DDB2 GST (N-Term) Protein H00001643-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00001643-P01-2ug**Recombinant Human XPE/DDB2 GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	74.3 kDa

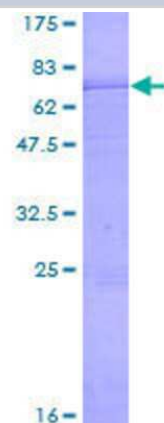
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-427 of Human DDB2 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MAPKKRPETQKTSEIVLRPRNKRSRSPLELEPEAKKLCAGSGPSRRCDSDCL WVGLAGPQILPPCRSIVRTLHQHKLGRASWPSVQQGLQQSFLHTLDSYRILQK AAPFDRRATSLAWHPHPSTVAVGSKGGDIMLWNFGIKDKPTFIKGIGAGGSIT GLKFNPLNTNQFYASSMEGTTRLQDFKGNILRVFASDITINIWFCSLDVSASSR MVRTGDNVGNVILLNMDGKELWNLRMHKKKVTHVALNPCCDWFLATASVDQT VKIWDLRQVRGKASFLYSLPHRHPVNAACFSPDGARLLTTDQKSEIRVYSASQ WDCPLGLIPHRHFQHLTPIKAAWHPRYNLIVVGRYPDPNFKSCTPYELRTID VFDGNSGKMMCQLYDPESSGISSLNEFNPMGDTLASAMGYHILIWSQEEARTR K
Gene ID	1643
Gene Symbol	DDB2
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



Images

SDS-Page: Recombinant Human XPE/DDB2 Protein [H00001643-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Robu M, Shah RG, Purohit NK et al. Poly(ADP-ribose) polymerase 1 escorts XPC to UV-induced DNA lesions during nucleotide excision repair. Proc Natl Acad Sci U S A 2017-07-31 [PMID: 28760956]

Robu M, Shah RG, Petitsclerc N et al. Role of poly(ADP-ribose) polymerase-1 in the removal of UV-induced DNA lesions by nucleotide excision repair. Proc Natl Acad Sci U S A. 2013-01-14 [PMID: 23319653]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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