

Product Datasheet

Recombinant Human XPD GST (N-Term) Protein H00002068-P01-2ug

Unit Size: 2 ug

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

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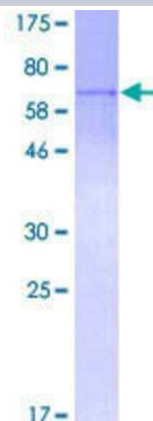
H00002068-P01-2ug**Recombinant Human XPD GST (N-Term) Protein**

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	70.29 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-405 of Human ERCC2 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MRELKRTLDAKGHGVLEMPSTGKTVSLLALIMAYQRAYPLEVTCLIYCSRTVP EIEKVIEELRKLLNFYEKQEGEKLPFLGLALSSRNLCIHPEVTPLRFGKDVDGK CHSLTASYVRAQYQHDTSLPHCRFYEEFDAHGREVPLPAGIYNLDDLKALGRR QGWCPYFLARYSILHANVVVSYHYLLDPKIADLVSKELARKAVVVFDEAHNID NVCIDSMNVNLTTRTLDRCQGNLETQKTVLRKETDEQRLRDEYRRLVEGLRE ASAARETDAHLANPVLDPDEVLQEAVPGSIRTAEHFLGFLRRLLEYVKWRLRVQ HVVQESPPAFLSGLAQRVCIQRKPLRFCAERLRSLHTLEITDLADFSPILTLLAN FATLVSTYAKGQAQHCSSRNQKRSH
Gene ID	2068
Gene Symbol	ERCC2
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, Enzyme Activity
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification, Enzyme Activity



Images

SDS-Page: Recombinant Human XPD Protein [H00002068-P01] - 12.5%
SDS-PAGE Stained with Coomassie Blue.



Publications

Viau M, Gastaldo J, Bencokova Z et al. Cadmium inhibits non-homologous end-joining over-activates the MRE11-dependent repair pathway. *Mutat Res*;654(1):13-21. 2008-06-30 [PMID: 18539077]





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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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