

Product Datasheet

Recombinant Human DNA-PKcs GST (N-Term) Protein H00005591-Q01-10ug

Unit Size: 10 ug

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

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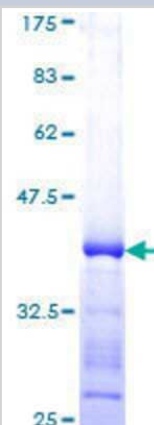
H00005591-Q01-10ug

Recombinant Human DNA-PKcs GST (N-Term) Protein

Product Information	
Unit Size	10 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	37.84 kDa
Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 4019-4128 of Human DNA-PKcs</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: KMLKKGGSWIQEINVAEKNWYPRQKICYAKRKLAPANPAVITCDELLLGHEKAP AFRDYVAVARGSKDHNIRAQEPESGLSEETQVKCLMDQATDPNILGRTWEGR EPWM</p>
Gene ID	5591
Gene Symbol	PRKDC
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, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Pyun BJ, Seo HR, Lee HJ et al. Mutual regulation between DNA-PKcs and snail1 leads to increased genomic instability and aggressive tumor characteristics. *Cell Death Dis.* 2013-02-28 [PMID: 23449453]



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Products Related to H00005591-Q01-10ug

NBP2-33995PEP	DNA-PKcs Recombinant Protein Antigen
AF835	Caspase-3 Antibody [Unconjugated] - Active
NBP2-22128	DNA-PKcs Antibody (3H6) - BSA Free
NB100-143	Nbs1 Antibody

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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