

Product Datasheet

Recombinant Human Ku80/XRCC5 GST (N-Term) Protein H00007520-P01-2ug

Unit Size: 2 ug

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

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H00007520-P01-2ug**Recombinant Human Ku80/XRCC5 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	106.26 kDa

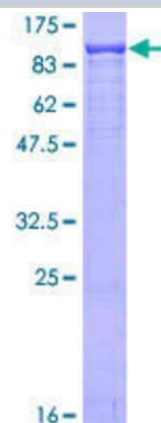
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-732 of Human XRCC5</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MVRSGNKAAVVLCMDVGFTMSNSIPGIESPFQAKKVITMFVQRQVFAENKDEI ALVLFGTGTDNPLSGGDQYQNITVHRHMLLPDFDLLEDIESKIQPGSQQADSL DALIVSMDVIQHETIGKKFEKRHIEIFDLSSRFSSQLDIIHSLKKCDISLQFFLP FSLGKEDGSGDRGDGPFRLGGHGPSFPLKGITEQQKEGLEIVKMVMISLEGED GLDEIYSFSESLRKLCVFKKIERHSIHWPCLRTIGSNLSIRIAAYKSILQERVKKT WTVVDAKTLKKEDIQKETVYCLNDDDETEVLKEDIQGFYRYSDIVPFSKVDEE QMKYKSEGKCFVSLGFCKSSQVQRRFFMGNQVLKVFAARDDEAAVALSSLI HALDDLDMVAIVRYAYDKRANPQGVAFPHIKHNYECLVYVQLPFMEDLRQYM FSSLKNSKKYAPTEAQLNAVDALIDSM SLAKKDEKTDLTLEDLFPPTTKIPNPRFQR LFQCLLHRALHPREPLPPIQQHIWNMLNPPAEVTTKSQIPLSKIKTLFPLIEAKKK DQVTAQEIFQDNHEDGPTAKKLKTEQGGAHFSVSSLAEGSVTSVGSVNPANF RVLVKQKKASFEEASNQLINHIEQLDTNETPYFMKSIDCIRAFREEAIKFSEEQ RFNNFLKALQEKVEIKQLNHFWEIVVQDGIALITKEEASGSSVTAEAAKKFLAPK DKPSGD TAAVFEEGGDVDDLLDMI</p>
Gene ID	7520
Gene Symbol	XRCC5
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

Xia W, Ci S, Li M et al. Two-way crosstalk between BER and c-NHEJ repair pathway is mediated by Pol- δ and Ku70. *FASEB J.* 2019-07-26 [PMID: 31348687]

Oing C, Tennstedt P, Simon R et al. BCL2-overexpressing prostate cancer cells rely on PARP1-dependent end-joining and are sensitive to combined PARP inhibitor and radiation therapy. *Cancer Lett* 2018-06-01 [PMID: 29526801] (Human)



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Products Related to H00007520-P01-2ug

NBP1-87829PEP	Ku80/XRCC5 Recombinant Protein Antigen
NB100-309	ATM Antibody (2C1)
NB100-508	Ku80/XRCC5 Antibody - BSA Free
NB100-147-0.1ml	Rad50 Antibody (13B3)

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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