

Product Datasheet

Recombinant Human DDX53 GST (N-Term) Protein H00168400-P01-2ug

Unit Size: 2 ug

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

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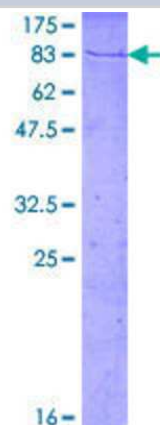
H00168400-P01-2ug**Recombinant Human DDX53 GST (N-Term) Protein**

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	97.6 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-631 of Human DDX53</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MSHWAPEWKRAEANPRDLGASWDVRGSRGSGWSPFGHQGPRAAGSREP PLCFKIKNNMVGVVIGYSGSKIKDLQHSTNTKIQIINGESEAKVRIFGNREMKAKA KAAIETLIRKQESYNSSESSVDNAASQTPIGRNLGRNDIVGEAEPLSNWDRIRAAV VECEKRKWADLPPVKKNFYIESKATSCMSEMQRVINWRKENFNITCDDLKSGEK RLIPKPTCRFKDAFQQYPDLLKSIIRVGILKPTPIQSQAWPILQGIDLIVVAQTGT GKTLSYLMPGFIHLDSQPISREQRNGPGMLVLTPTRELALHVEAECSKYSYKGL KSICIYGGRRNRNGQIEDISKGVDIIATPGRLNDLQMNNSVNLRSITYLVIDEADK MLDMEFEPQIRKILLDVRPDRQTVMTSATWPDTVRQLALSYLKDPMIVYVGNLN LVAVNTVKQNIIVTTEKEKRALTQEFVENMSPNDKVIMFVSQKHIADDLSSDFNI QGISAESLHGNSEQSDQERAVEDFKSGNIKILITTDIVSRGLDLNDVTHVYNYDF PRNIDVYVHRVGYIGRTGKTGTSVTLITQRDSKMAGELIKILDRANQSVPEDLVV MAEQYKLNQQKRHRETRSREPGQRRKEFYFLS</p>
Gene ID	168400
Gene Symbol	DDX53
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

Muhammad F, Eric D, Roumiana A et al. Disruption of DDX53 coding sequence has limited impact on iPSC-derived human NGN2 neurons. BMC Med Genomics. 2023-01-12 [PMID: 36635662]

Kim Y, Park D, Kim H et al. miR-200b and cancer/testis antigen CAGE form a feedback loop to regulate a cancer cell line's invasion, tumorigenic, and angiogenic responses to microtubule-targeting drugs. J Biol Chem. 2013-10-30 [PMID: 24174534]



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Limitations

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