

# Product Datasheet

## Recombinant Human DDX1 GST (N-Term) Protein H00001653-P01-10ug

Unit Size: 10 ug

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

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**H00001653-P01-10ug****Recombinant Human DDX1 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	107.14 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-740 of Human DDX1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MAAFSEMGMPEIAQAVEEMDWLLPTDIQAESIPILILGGGDVLMMAETGSGKT  GAFSIPVIQIVYETLKDQQEGKKGKTTIKTGASVLNWKQMNPYDRGSAFAIGSD  GLCCQSREVKEWHGCRATKGLMKGKHYYEVSCHDQGLCRVGWSTMQASLD  LGTDKFGFGFGGTGKKSHNKQFDNYGEEFTMHDITIGCYLDIDKGHVKFSKNGK  DLGLAFEIPPHMKNQALFPACVLKNAELKFNFGEFEFKFPPKDGVALSKAPDG  YIVKSQHSNGAQTQTFLPNAPKALIVEPSRELAEQTLNNIKQFKKYIDNPKLR  ELLIIGGVAARDQLSVLENGVDIVVGTPGRLLDLVSTGKLNLSQVRFLVLDEAD  GLLSQGYSDFINRMHNQIPQVTS DGKRLQVIVCSATLHSDVKKLSEKIMHFPT  WVDLKGEDSVPDTPVHHVVVPVNPKTDRWLWERLGKSHIRTDVHAKDNTRPGA  NSPEMWSEAIKILKGEYAVRAIKEHKMDQAIIFCRTCIDCDNLEQYFIQQGGGPD  KKGHQFSCVCLHGDRKPKHERKQNLERFKKGDVRFICTDVAARGIDIHGVPYVI  NVTLPDEKQNYVHRIGRVGRAERMGLAISLVATEKEKVWYHVCSSRGKGCYN  TRLKEDGGCTIWYNEMQLLSEIEEHLNCTISQVEPDIKVPVDEFDGVKVTYGGQR  AAGGGSYKGHVDILAPTVQELAALEKEAQTSLHLGYLPNQLFRTF</p>
<b>Gene ID</b>	1653
<b>Gene Symbol</b>	DDX1
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	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.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



## Images

12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Chou CF, Lin WJ, Lin CC et al. DEAD Box Protein DDX1 Regulates Cytoplasmic Localization of KSRP. PLoS One. 2013-09-04 [PMID: 24023901]



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### **Products Related to H00001653-P01-10ug**

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NBP1-85294PEP	DDX1 Recombinant Protein Antigen
NBP2-29661-1Kit	Human, Mouse, Rat RelA/NFkB p65 ELISA Kit (Colorimetric)
NBP2-61745	DDX1 Antibody (3E5E2) - BSA Free
NB200-191	DDX6 Antibody

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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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