

# Product Datasheet

## Recombinant Human Nse2 GST (N-Term) Protein H00286053-P01-10ug

Unit Size: 10 ug

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

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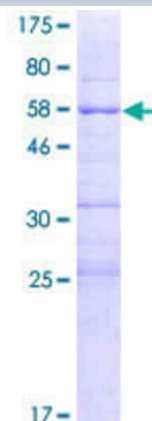
**H00286053-P01-10ug****Recombinant Human Nse2 GST (N-Term) Protein**

<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>	54.3 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-247 of Human NSMCE2</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MPGRSSNSGSTGFISFSGVESALSSLKNFQACINSGMDTASSVALDLVESQT  EVSSEYSMDKAMVEFATLDRQLNHVVKAVQSTINHVKEERPEKIPDLKLLVEKK  FLALQSKNSDADFQNNKFKVQFKQQLKELKKQCGLQADREADGTEGVDEDIIV  TQSQTNFTCPITKEEMKKPVKNKVCGHTYEEDAIVRMIESRQKRKKKAYCPQIG  CSHTDIRKSDLIQDEALRRAIENHNKKRHRHSE</p>
<b>Gene ID</b>	286053
<b>Gene Symbol</b>	NSMCE2
<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, SDS-Page, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



## Images

SDS-Page: Recombinant Human Nse2 Protein [H00286053-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Deiss K, Lockwood N, Howell M et al. A genome-wide RNAi screen identifies the SMC5/6 complex as a non-redundant regulator of a Topo2a-dependent G2 arrest. Nucleic Acids Res. 2019-01-08 [PMID: 30590722]



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### **Products Related to H00286053-P01-10ug**

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NBP2-49459PEP	Nse2 Recombinant Protein Antigen
NB110-57130	TRF-2 Antibody - BSA Free
NBP2-73070	Nse2 Antibody (OTI6A6) - Azide and BSA Free
NB600-302	c-Myc Antibody (9E10) - BSA Free

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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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