

# Product Datasheet

## Recombinant Human ErbB2/Her2 Protein H00002064-Q01-10ug

Unit Size: 10 ug

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

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**H00002064-Q01-10ug****Recombinant Human ErbB2/Her2 Protein****Product Information**

<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>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>	36.74 kDa

**Product Description**

<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 22-121 of Human ErbB2/Her2</p> <p><b>Source:</b> <i>Wheat Germ</i></p> <p><b>Amino Acid Sequence:</b>  STQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNLELTYPNTNASLSFL  QDIQEVQGYVLIHNNQVRQVPLQRLRIVRGTLQFEDNYALAVLDNGD</p>
<b>Gene ID</b>	2064
<b>Gene Symbol</b>	ERBB2
<b>Species</b>	Human
<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.

**Product Application Details**

<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

**Publications**

Knutson KL, Clynes R, Shreeder B, Yeramian P. Improved survival of HER2+ breast cancer patients treated with trastuzumab and chemotherapy is associated with host antibody immunity against the HER2 intracellular domain. Cancer Research. 2016-04-20 [PMID: 27197192] (ELISA)

Karyampudi L, Formicola C, Erskine CL et al. A degenerate HLA-DR epitope pool of HER-2/neu reveals a novel in vivo immunodominant epitope, HER-2/neu88-102. Clin Cancer Res 16(3):825-34. 2010-02-01 [PMID: 20103660]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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