

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

Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
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	36.74 kDa

Product Description

Description	A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 22-121 of Human ErbB2/Her2
	Source: Wheat Germ
	Amino Acid Sequence: STQVCTGTDMLKLRPASPETHLDMLRHLYQGCQVQGNLELTYLPTNASLSFL QDIQEVDQGYVLAHNQVRQVPLQQLRIVRGTQLFEDNYALAVLDNGD
Gene ID	2064
Gene Symbol	ERBB2
Species	Human
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, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	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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