



**LKT Laboratories, Inc.**  
**HER2/neu (654-662) GP2**

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*Product Information*

**Product ID** H1662  
**CAS No.**  
**Chemical Name**  
  
**Synonym** ErbB2, EGFR2, CD340

Ile-Ile-Ser-Ala-Val-Val-Gly-Ile-Leu

**Formula** C<sub>42</sub>H<sub>77</sub>N<sub>9</sub>O<sub>11</sub>  
**Formula Wt.** 884.12  
**Melting Point**  
**Purity** ≥95%  
**Solubility** Soluble in DMSO, DMF, acetonitrile.

<b>Product ID</b>	<b>Size</b>
H1662	1 mg
H1662	2 mg
H1662	5 mg

**Store Temp** -20° C  
**Ship Temp** Ambient

**Description** HER2/neu (654-662) is a peptide fragment of the HER2/neu receptor, also known as CD340, EGFR2, or erbB2. This receptor exhibits anti-apoptotic activity and is associated with breast and other cancers.

**References** Mitri Z, Constantine T, O'Regan R. The HER2 Receptor in Breast Cancer: Pathophysiology, Clinical Use, and New Advances in Therapy. *Chemother Res Pract.* 2012;2012:743193. PMID: 23320171.

Roy V, Perez EA. Beyond trastuzumab: small molecule tyrosine kinase inhibitors in HER-2-positive breast cancer. *Oncologist.* 2009 Nov;14(11):1061-9. PMID: 19887469.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.