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**Product Data Sheet**

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Product Name: c-erbB-2 Human  
Cat. No.: GP22490  
Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Receptor tyrosine-protein kinase erbB-2; EC 2.7.10.1; p185erbB2; C-erbB-2; NEU proto-oncogene; Tyrosine kinase-type cell surface receptor HER2; MLN 19; CD340 antigen; NEU; NGL; HER2; TKR1; HER-2; c-erb B2; HER-2/neu.		
Formulation	c-erbB2 at 100 µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.		

**Introduction**

c-erbB-2 is a receptor tyrosine kinase of the c-erbB family. It is closely related in structure to the epidermal growth factor receptor. c-erbB-2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.

**Stability**

Store vial at -20°C to -80°C . When stored at the recommended temperature, this protein is stable for 12 months. Please avoid freeze-thaw cycles.

**Background**

c-erbB-2 Human Recombinant encoding 537-636 amino acids expressed in E.coli, shows a 37kDa band on SDS-PAGE. c-erbB-2 is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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