

Her2
Catalog # PVGS1690**Specification**

Her2 - Product Information

Primary Accession [P04626-1](#)
Species
Human

Sequence
Thr23-Thr652

Purity
> 95% as determined by Bis-Tris PAGE
> 95% as determined by HPLC

Endotoxin Level
Less than 1EU per µg by the LAL method.

Biological Activity
Immobilized Her2, Avi & His, Human (Cat.No.: Z03806) at 0.5 µg/ml can bind Anti-Her2 Antibody.

Expression System
HEK293

Theoretical Molecular Weight
72.3 kDa

Formulation **Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4.**

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability
Upon receiving, the lyophilized product remains stable up to 6 months at -20 °C or below as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Her2 - Additional Information

Target Background
ErbB2, also known as Neu and Her2, is a type I membrane glycoprotein belonging to the ErbB family of tyrosine kinase receptors. It serves as a receptor for the epidermal growth factor (EGF) family of growth factors. Upon activation, ERBB2 triggers the MEMO1-RHOA-DIAPH1 signaling pathway, leading to the phosphorylation and inhibition of GSK3B at the cell membrane.

Her2 - Protein Information

Her2 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Her2 - Images