General Information

Gene Name Synonym:
CD340; ENV; ENWV; ERVWE1; HER-2; HER-2/neu; HER2; HERV-7q;
HERV-W-ENV; HERV7Q; HERVW; HERVWENV; MLN 19; MLN19; NEU;
NGL; TKR1

Protein Construction:
A DNA sequence encoding the human ERBB2 (NP_004439.2) (Met1-
Thr652) was expressed with a c-terminal polyhistidine tagged AVI tag at
the C-terminus. The expressed protein was biotinylated in vivo by the
Biotin-Protein ligase (BirA enzyme) which is co-expressed.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin:
< 1.0 EU per μg protein as determined by the LAL method.

Stability:
Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Thr 23

Molecular Mass:
The recombinant human ERBB2 consists of 656 amino acids and predicts
a molecular mass of 72.6 kDa.

Formulation:
Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as
protectants before lyophilization. Specific concentrations are included in
the hardcopy of COA. Please contact us for any concerns or special
requirements.

Usage Guide

Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving.
Recommend to aliquot the protein into smaller quantities for optimal
storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References
cells after adjuvant therapy may differ from initial HER2 status on primary