

# Recombinant Rat HER2/ErbB2 Protein (aa 67-323, His Tag)

RPES2568

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES2568

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Rat

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

**Synonyms:** CD340, ENV, ENVW, ERBB2, ERVWE1, Epidermal growth factor receptor-related protein, HER-2, HER-2/neu, HER2, HERV-7q, HERV-W-ENV, HERV7Q, HERVW, HERVWENV, MLN 19, MLN19, Proto-oncogene Neu, Proto-oncogene c-ErbB-2, Receptor tyrosine-protein kinase erbB-2, p185erbB2, p185neu

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 29.3 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, 5% Trehalose, 4M Urea, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 32 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Accession:** P06494

**Source:** E.coli-derived Rat HER2/ErbB2 protein Ala67-Val323, with an C-terminal His

**Sequence:** Ala67-Val323

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.