

PRODUCT INFORMATION

EGFRVIII Target

Synonyms EGFR; ERBB; ERBB1; HER1; PIG61; mENA

Recombinant Human EGFRVIII Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P00533 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Purity

Background

EGFRVIII(Leu25-Ser645 △267aa) 6×His tag Characterization

The protein has a predicted molecular mass of

39.5 kDa after removal of the signal peptide. The apparent molecular mass of EGFRVIII-His is **Molecular Weight**

approximately 55-100 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a transmembrane glycoprotein that is a member of

the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization

and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are

associated with lung cancer.

Usage Research use only Conjugate Unconjugated









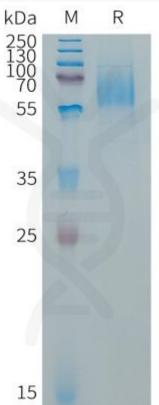


Figure 1.Human EGFRVIII Protein, His Tag on SDS-PAGE under reducing condition.



