10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EGFRVIII

Catalog # PVGS1834

Specification

EGFRVIII - Product Information

Primary Accession	NP_001333870.1

Species
Human

Sequence
Leu25-Ser378

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 EGFRVIII[Biotin], His&Avi, Human (Cat.No.: Z03941) at 0.5 μg/ml (100 μl/Well) on streptavidin (5 μg/ml) precoated plate can bind Anti-EGFR VIII Anitibody, hFc Tag.

Expression System
HEK293

Theoretical Molecular Weight
41.6 kDa

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

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O more than 100 μg/ml.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

EGFRVIII - Additional Information

Target Background
Epidermal growth factor receptor (EGFR) is a transmembrane protein. It can be activated by epidermal growth factor or transforming growth factor alpha (TGF-α). EGFR plays an important role in cell survival, proliferation and angiogenesis. EGFR is highly expressed in a variety of solid tumours. It is a common target for cancer therapy.

EGFRVIII - Protein Information

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EGFRVIII - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EGFRVIII - Images