

EGFRVIII recombinant protein

Biotinylated Human EGFRVIII Protein Recombinant

CATALOG #	HOST
AAA76293	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

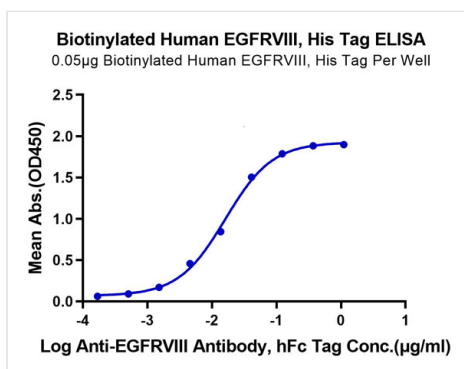
PRODUCT SYNONYMS

EGFRVIII; Biotinylated Human EGFRVIII Protein Recombinant; EGFRVIII recombinant protein

PRODUCT SPECIFICATIONS

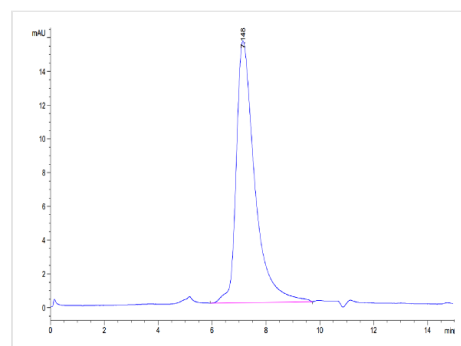
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human EGFRVIII was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human EGFRVIII including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



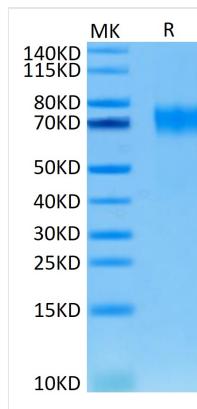
ELISA

Biotinylated Human EGFRVIII Protein ELISA Data: Immobilized Biotinylated Human EGFRVIII, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-EGFRVIII Antibody, hFc Tag with the EC50 of 16.1ng/ml determined by ELISA.



Application Data

Biotinylated Human EGFRVIII Protein SEC-HPLC: The purity of Biotinylated Human EGFRVIII is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human EGFRVIII Protein Tris-Bis PAGE Biotinylated Human EGFRVIII on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for EGFRVIII recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Recombinant Human EGFRVIII is a protein consisting of amino acid residues [Leu25-Ser378]. The protein has a predicted MW of 41.6 kDa. Due to glycosylation, the protein migrates to 65-78 kDa based on Tris-Bis PAGE result.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/egfrviii-recombinant-protein-hek293/76293>