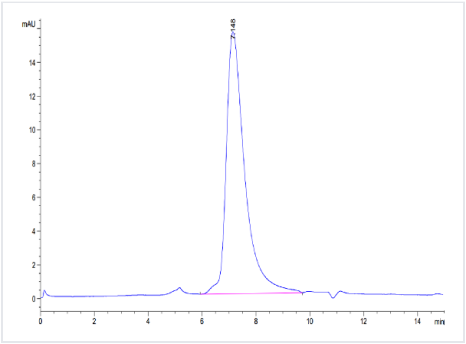
EGFRVIII Biotinylated Human Recombinant Protein

PRODUCT OVERVIEW

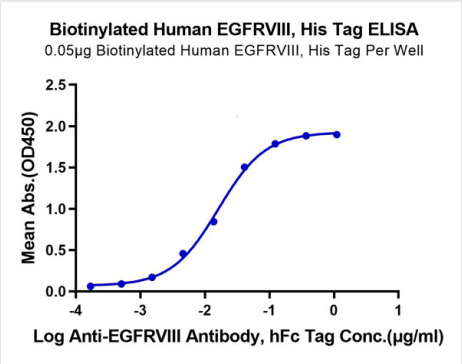
Product Name	EGFRVIII, Recombinant Protein
Full Product Name	Biotinylated Human EGFRVIII Protein Recombinant
Product Gene Name	EGFRVIII recombinant protein
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Form/Format	Recombinant Human EGFRVIII was lyophilized from 0.2 um filtered PBS solution pH7.4
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at-20 degree C.
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.
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
Product Categories/Family for EGFRVIII recombinant protein	Biotinylated proteins
Related Product Information for EGFRVIII recombinant protein	MBS553920 is a recombinant protein targeting EGFRVIII. Also known as Biotinylated Human EGFRVIII Protein Recombinant. Host: HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.).
Other Notes	Small volumes of EGFRVIII recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



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



Testing Data of EGFRVIII recombinant protein
Biotinylated Human EGFRVIII Protein SEC-HPLCThe purity of Biotinylated Human EGFRVIII is greater than 95% as determined by SEC-HPLC.



ELISA (EIA) of EGFRVIII recombinant protein
Biotinylated Human EGFRVIII Protein ELISA DataImmobilized Biotinylated Human EGFRVIII, His Tag at 0.5?g/ml (100?l/Well) on the plate. Dose response curve for Anti-EGFRVIII Antibody, hFc Tag with the EC50 of 16.1ng/ml determined by ELISA.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EGFRVIII. It may not necessarily be applicable to this product.

NCBI Accession #	NP_001333870
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