

TGF-beta RII/TGFBR2 Recombinant Protein | TGF-betaRII/TGFBR2 recombinant protein

Biotinylated Human TGF-beta RII/TGFBR2 Protein Recombinant

CATALOG #	HOST
AAA76184	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

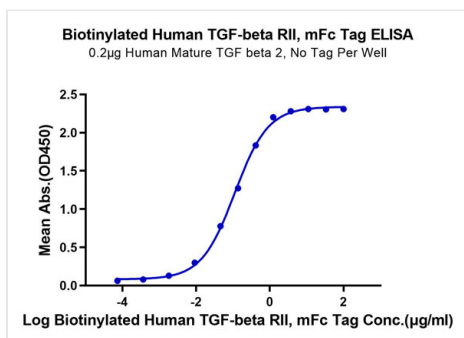
PRODUCT SYNONYMS

TGF-beta RII/TGFBR2; Biotinylated Human TGF-beta RII/TGFBR2 Protein Recombinant; TGF-betaRII/TGFBR2 recombinant protein

PRODUCT SPECIFICATIONS

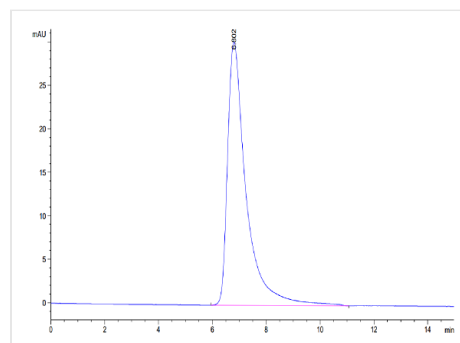
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human TGF-beta RII/TGFBR2 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human TGF-beta RII/TGFBR2 including a C-mFc-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVI tag 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).
Molecular Function	Transferase, Receptor
Biological Process	Differentiation, Growth-regulation
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



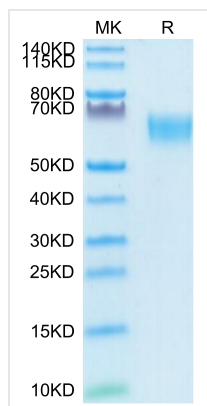
ELISA

Biotinylated Human TGF-beta RII/TGFBR2 Protein ELISA Data: Immobilized Human Mature TGF beta 2, No Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human TGF-beta RII, mFc Tag with the EC50 of 0.11µg/ml determined by ELISA.



Application Data

Biotinylated Human TGF-beta RII/TGFBR2 Protein SEC-HPLC: The purity of Biotinylated Human TGF-beta RII is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human TGF-beta RII/TGFR2 Protein Tris-Bis PAGE Biotinylated Human TGF-beta RII on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for TGF-betaRII/TGFR2 recombinant protein

[Biotinylated proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782326
NCBI GeneID	7048
NCBI Accession #	NP_001020018.1
NCBI GenBank Nucleotide #	NM_001024847.2
UniProt Accession #	P37173; P02750 A2GL_HUMAN; P01137 TGFB1_HUMAN; P01730 CD4_HUMAN; P10600; P36897 TGFR1_HUMAN; P37023 ACVL1_HUMAN; Q03167
Molecular Weight	64,568 Da
NCBI Official Full Name	TGF-beta receptor type-2 isoform A
NCBI Official Synonym Full Names	transforming growth factor, beta receptor II (70/80kDa)
NCBI Official Symbol	TGFR2
NCBI Official Synonym Symbols	AAT3; FAA3; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TGFR-2; TGFbeta-RII
NCBI Protein Information	TGF-beta receptor type-2; tbetaR-II; TGF-beta type II receptor; TGF-beta receptor type IIB; transforming growth factor beta receptor type IIC
UniProt Protein Name	TGF-beta receptor type-2
UniProt Gene Name	TGFR2
UniProt Synonym Gene Names	TGFR-2; TGF-beta receptor type II; TbetaR-II
UniProt Entry Name	TGFR2_HUMAN

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/tgfr2-recombinant-protein-hek293/76184>