

TIGIT recombinant protein

Biotinylated Human TIGIT Protein Recombinant

CATALOG #	HOST
AAA76311	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

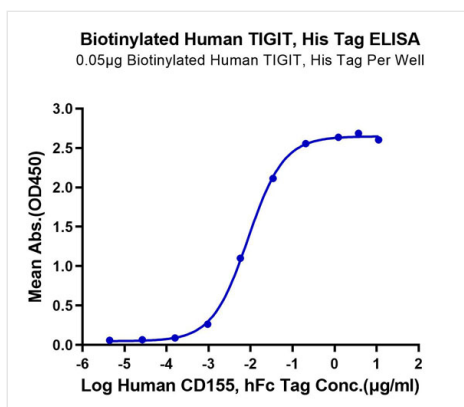
PRODUCT SYNONYMS

TIGIT; Biotinylated Human TIGIT Protein Recombinant; TIGIT recombinant protein

PRODUCT SPECIFICATIONS

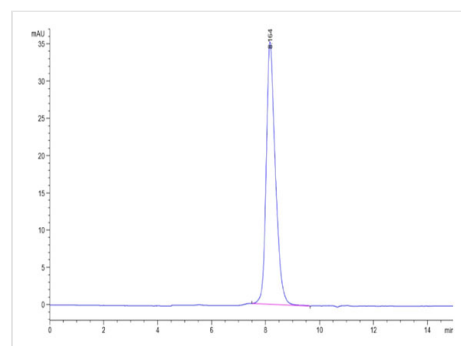
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human TIGIT was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human TIGIT 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



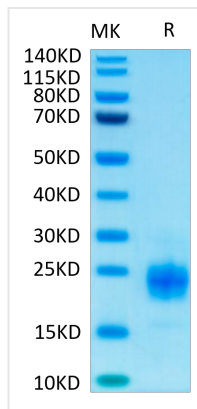
ELISA

Biotinylated Human TIGIT Protein ELISA Data: Immobilized Biotinylated Human TIGIT, His Tag at 0.5 µg/ml (100 µl/well) on the streptavidin precoated plate (5 µg/ml). Dose response curve for Human CD155, hFc Tag with the EC₅₀ of 8.7 ng/ml determined by ELISA.



Application Data

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



Tris-Bis-PAGE

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

ADDITIONAL INFORMATION

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

NCBI GI #	121943253
NCBI GeneID	201633
UniProt Accession #	Q495A1; Q495A3; Q5JPD8; Q6MZS2; Q8N877
Molecular Weight	18,432 Da
NCBI Official Full Name	T-cell immunoreceptor with Ig and ITIM domains
NCBI Official Synonym Full Names	T cell immunoreceptor with Ig and ITIM domains
NCBI Official Symbol	TIGIT
NCBI Official Synonym Symbols	VSIG9; VSTM3; WUCAM
NCBI Protein Information	T-cell immunoreceptor with Ig and ITIM domains
UniProt Protein Name	T-cell immunoreceptor with Ig and ITIM domains
UniProt Gene Name	TIGIT
UniProt Synonym Gene Names	VSIG9; VSTM3

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://stage.aaabiotech.com/tigit-recombinant-protein-hek293-cells/76311>