

GITR Ligand/TNFSF18 Trimer Recombinant Protein | GITR recombinant protein

Biotinylated Human GITR Ligand/TNFSF18 Trimer Protein Recombinant

CATALOG #	HOST
AAA76146	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

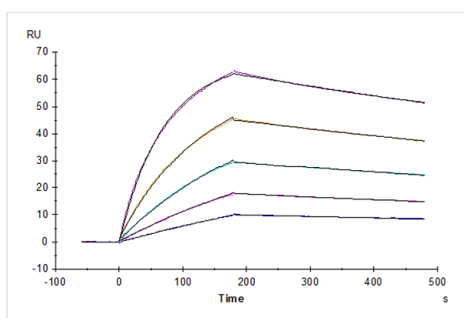
PRODUCT SYNONYMS

GITR Ligand/TNFSF18 Trimer; Biotinylated Human GITR Ligand/TNFSF18 Trimer Protein Recombinant; GITR recombinant protein

PRODUCT SPECIFICATIONS

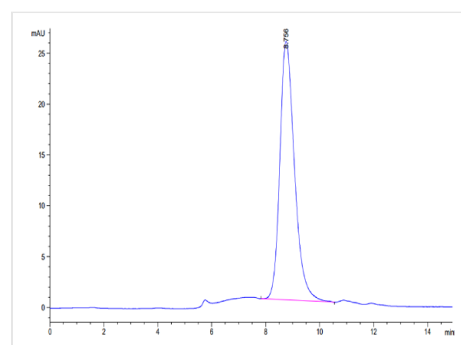
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human GITR Ligand/TNFSF18 Trimer (Primary Amine Labeling) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human GITR Ligand/TNFSF18 Trimer (Primary Amine Labeling) including a N-His-DYKDDDDK 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).
Molecular Function	Cytokine
Biological Process	Immunity
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



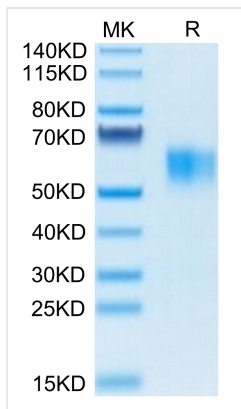
Application Data

Biotinylated Human Fc gamma RI/CD64 Protein SPR Data: Biotinylated Human Fc gamma RI, His-Avi Tag captured on CM5 Chip via Anti-His Antibody can bind Trastuzumab with an affinity constant of 0.91 nM as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human Fc gamma RI/CD64 Protein SEC-HPLC: The purity of Biotinylated Human Fc gamma RI is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Fc gamma RI/CD64 Protein Tris-Bis PAGE Biotinylated Human Fc gamma RI on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

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

NCBI GI #	157419142
NCBI GeneID	8995
NCBI Accession #	NP_005083.2
NCBI GenBank Nucleotide #	NM_005092.3
UniProt Accession #	Q9UNG2; O14763 TR10B_HUMAN; P01730 CD4_HUMAN; Q9Y5U5 TNR18_HUMAN
Molecular Weight	22,724 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 18
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 18
NCBI Official Symbol	TNFSF18
NCBI Official Synonym Symbols	TL6; AITRL; GITRL; hGITRL
NCBI Protein Information	tumor necrosis factor ligand superfamily member 18; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 18
UniProt Gene Name	TNFSF18
UniProt Synonym Gene Names	AITRL; GITRL; TL6; AITRL; hGITRL
UniProt Entry Name	TNF18_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/tnfsf18-recombinant-protein-hek293-cells/76146>