

T-cell immunoreceptor with Ig and ITIM domains Active Protein | TIGIT active protein

Recombinant Human T-cell immunoreceptor with Ig and ITIM domains

CATALOG # AAA117496	HOST Mammalian Cell
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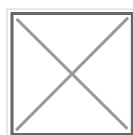
PRODUCT SYNONYMS

T-cell immunoreceptor with Ig and ITIM domains; Recombinant Human T-cell immunoreceptor with Ig and ITIM domains; V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain-containing protein 3; TIGIT active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-141aa; Extracellular Domain
Sequence	MMTGTIETTG NISAEKGSSI ILQCHLSSTT AQVTQVNWEQ QDQLLAICNA DLGWHISPSF KDRVAPGPGL GLTLQSLTVN DTGEYFCIYH TYPDGTYTGR IFLEVLESSV AEHGARFQIP
Sequence Length	141
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TIGIT active protein	Binds with high affinity to the poliovirus receptor (PVR) which causes increased secretion of IL10 and decreased secretion of IL12B and suppresses T-cell activation by promoting the generation of mature immunoregulatory dendritic cells.
Product Categories/Family for TIGIT active protein	Immunology
References	"The surface protein TIGIT suppresses T cell activation by promoting the generation of mature immunoregulatory dendritic cells." Yu X., Harden K., Gonzalez L.C., Francesco M., Chiang E., Irving B., Tom I., Ivelja S., Refino C.J., Clark H., Eaton D., Grogan J.L. Nat. Immunol. 10:48-57(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	256600228
NCBI GeneID	201633
NCBI Accession #	NP_776160.2
NCBI GenBank Nucleotide #	NM_173799.3
UniProt Accession #	Q495A1; Q495A3; Q5JPD8; Q6MZS2; Q8N877
Molecular Weight	29.1 kDa
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
UniProt Entry Name	TIGIT_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://stage.aaabiotech.com/mammalian-cell-tigit-active-protein/t-cell-immunoreceptor-with-ig-and-itim-domains/117496>