

Datasheet for ABIN5855043

## TIGIT Protein (AA 22-141) (hIgG-His-tag)



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### 1 Image

#### Overview

Quantity:	50 µg
Target:	TIGIT
Protein Characteristics:	AA 22-141
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIGIT protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	MMTGTIETTG NISAEKGGSI ILQCHLSSTT AQVTQVNWEQ QDQLLAICNA DLGWHISPSF KDRVAPGPGL GLTLQSLTVN DTGEYFCIYH TYPDGYTGR IFLEVLESSV AEHGARFQIP
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

#### Target Details

Target:	TIGIT
Alternative Name:	TIGIT ( <a href="#">TIGIT Products</a> )
Background:	TIGIT, also known as T-cell immunoreceptor with Ig and ITIM domains, is a surface protein containing an immunoglobulin variable domain. This protein is expressed at low levels on peripheral memory and regulatory CD4 <sup>+</sup> T-cells and NK cells. Also, it binds with high affinity to

## Target Details

the poliovirus receptor 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. Recombinant human TIGIT, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 40kDa (359aa)

NCBI Accession: [NP\\_776160](#)

UniProt: [Q495A1](#)

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

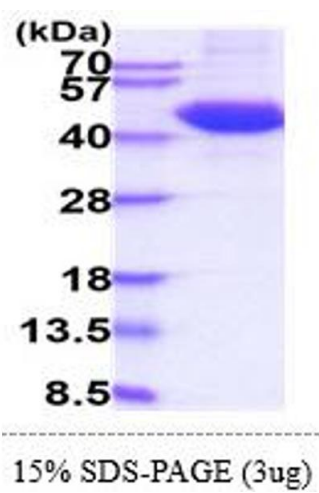
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.