

## 32-9639: Recombinant Human TIGIT/VSIG9/VSTM3 (C-mFc)

**Alternative Name :** T-cell immunoreceptor with Ig and ITIM domains;;VSIG9; VSTM3;TIGIT;V-set and transmembrane domain-containing protein 3;V-set and immunoglobulin domain-containing protein 9

### Description

Source : Human Cells;

T cell immunoreceptor with Ig and ITIM domains (TIGIT) is a member of the CD28 family within the Ig superfamily of proteins. TIGIT is expressed on NK cells and subsets of activated, memory and regulatory T cells, and particularly on follicular helper T cells within secondary lymphoid organs. It binds to CD155 and Nectin-2 that appear on dendritic cells (DC) and endothelium. Ligation of TIGIT on T cells down-regulates TCR-mediated activation and subsequent proliferation, while NK cell TIGIT ligation blocks NK cell cytotoxicity. Through CD155 and Nectin-2, which also interact with DNAM-1/CD226 and CD96/Tactile, TIGIT is part of an interacting network of Ig superfamily members that may augment or oppose each other. In particular, TIGIT binding to CD155 can antagonize the effects of DNAM1.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Amino Acid :** Recombinant Human T Cell Immunoreceptor With Ig And ITIM Domains is produced by our Mammalian expression system and the target gene encoding Met22-Pro141 is expressed with a mFc tag at the C-terminus.