

Recombinant Human TIGIT Protein

Cat. No. TIGIT-23H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIGIT Protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.
Form	Liquid. In 50 mM Tris-HCl pH7.5, 200 mM NaCl.
Molecular Mass	~13 kDa
AA Sequence	HHHHHHSSGLVPRGSHMTGTIETTGNISAEEKGGSILQCHLSSTTAQVTQVNWEQQ DQLLAICNADLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCIYHTYPDGTYT GRIFLEVLE
Purity	>90%
Storage	Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

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Concentration 2.0 mg/ml

Official Full Name T cell immunoreceptor with Ig and ITIM domains

GENE INFORMATION

Gene Name TIGIT T cell immunoreceptor with Ig and ITIM domains [Homo sapiens (human)]

Official Symbol TIGIT

Synonyms VSIG9; VSTM3; WUCAM

Gene ID 201633

mRNA Refseq NM_173799

Protein Refseq NP_776160

MIM 612859

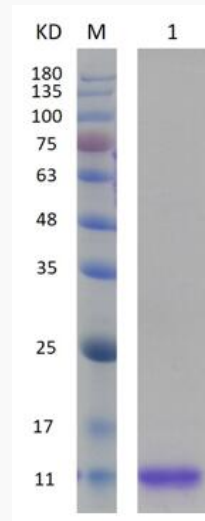
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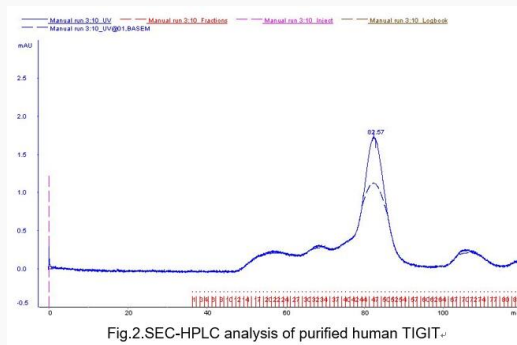
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SDS-PAGE



15% SDS-PAGE analysis profiles of purified human TIGIT (CBB stained).



SEC-HPLC analysis of purified human TIGIT.

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