

TIGIT Protein, Cynomolgus (HEK293, C-hFc)

Cat. No.:	HY-P71007
Synonyms:	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
Species:	Cynomolgus
Source:	HEK293
Accession:	G7NXM4 (M89-P209)
Gene ID:	102121588
Molecular Weight:	45-55 kDa

PROPERTIES

AA Sequence	<pre> MMTGTIETTGNISAKKGGSVILQCHLSSTM AQVTQVNWEQ HDHSLLAIRNAELGWHIYPAFKDRVAPGPG LGLTLQSLTM NDTGEYFCTYHTYPDGTYRGRIFLEVLESS VAEHSARFQI P </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Ig-like domain-containing protein is a class of proteins that may be involved in protein-protein and protein-ligand interactions. Some member of Ig-like domain-containing protein can bind to membrane Ig signaling receptors and down-regulating T cell activation through competing with Ig proteins for binding, and Ig-like domain-containing protein such as neuregulin proteins can bind to heparin through IgL-like domain, contributing to cardiac and neuronal development ^{[1][2]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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