

TIGIT Protein, Cynomolgus (HEK293, His)

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| Cat. No.: | HY-P70677 |
| 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: | / |
| Molecular Weight: | 16-30 kDa |

PROPERTIES

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| 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

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| 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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