

Recombinant Human TIGIT Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. TIGIT-106HAF555 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 555 conjugated recombinant human TIGIT(Met 22 - Pro 141) fused with His tag at C-terminal was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Met22-Pro141 |
| Form | Lyophilized |
| Molecular Mass | Has a calculated MW of 15 kDa. The reducing (R) protein migrates as 18-24 kDa in SDS-PAGE due to glycosylation. |
| N-terminal Sequence Analysis | Met 22 |
| Endotoxin | < 1.0 EU/ µg by the LAL method. |
| Purity | > 95 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be |

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efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Storage

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

Storage Buffer

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

TIGIT T cell immunoreceptor with Ig and ITIM domains [Homo sapiens]

Official Symbol

TIGIT

Synonyms

TIGIT; T cell immunoreceptor with Ig and ITIM domains; V set and immunoglobulin domain containing 9 , V set and transmembrane domain containing 3 , VSIG9, VSTM3; T-cell immunoreceptor with Ig and ITIM domains; DKFZp667A205; FLJ39873; V-set and transmembrane domain containing 3; V-set and immunoglobulin domain containing 9; Washington University cell adhesion molecule; V-set and transmembrane domain-containing protein 3; V-set and immunoglobulin domain-containing protein 9; VSIG9; VSTM3; WUCAM;

Gene ID

201633

mRNA Refseq

NM_173799

Protein Refseq

NP_776160

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| MIM | 612859 |
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| UniProt ID | Q495A1 |
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