Cynomolgus DR3 / TNFRSF25 Protein, Fc Tag

Catalog # TN5-C5257

Synonym

TNFRSF25,DR3,APO3,DDR3,TNFRSF12,WSL,WSL1

Source

Cynomolgus DR3, Fc Tag(TN5-C5257) is expressed from human 293 cells (HEK293). It contains AA Gln 20 - Gly 203 (Accession # G7NTB5-1).
Predicted N-terminus: Gln 20

Molecular Characterization

DR3(Gln 20 - Gly 203) G7NTB5-1	Fc(Pro 100 - Lys 330) P01857

This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 46.3 kDa. The protein migrates as 50-60 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μm filtered solution in
Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

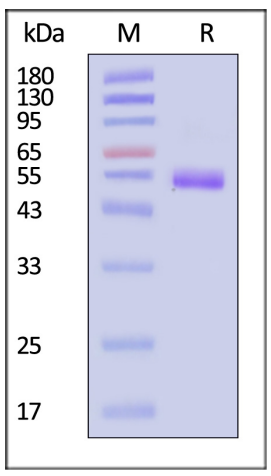
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Cynomolgus DR3, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With Star Ribbon Pre-stained Protein Marker).

Background

Tumor necrosis factor receptor superfamily member 25 (TNFRSF25) is also known as Apo-3, Death receptor 3 (DDR3 or DR3), Apoptosis-inducing receptor AIR, Apoptosis-mediating receptor TRAMP, Lymphocyte-associated receptor of death, Apo-3, which is a member of the TNF-receptor superfamily. TNFRSF25 is a homodimer protein, which can Interact strongly via the death domains with TNFRSF1 and TRADD to activate at least two distinct signaling cascades, apoptosis and NF-kappa-B signaling. TNFRSF25 is receptor for TNFSF12 / APO3L / TWEAK.