

Synonym

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

Source

Human DR3, Fc Tag (TN5-H5258) is expressed from human 293 cells (HEK293). It contains AA Gln 25 - Gln 199 (Accession # [AAI17190](#)).

Predicted N-terminus: Gln 25

Molecular Characterization

DR3(Gln 25 - Gln 199)	Fc(Pro 100 - Lys 330)
AAI17190	P01857

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

The protein has a calculated MW of 45.5 kDa. The protein migrates as 53-62 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

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

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.

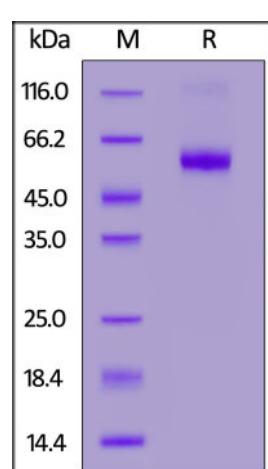
Storage

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

Human DR3, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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-mediated 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-κappa-B signaling. TNFRSF25 is receptor for TNFSF12 / APO3L / TWEAK.

Clinical and Translational Updates

Human DR3 / TNFRSF25 Protein, Fc Tag

Catalog # TN5-H5258



Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.