

Datasheet

Cynomolgus DR3 / TNFRSF25 Protein, Fc Tag

Catalog # AMS.TN5-C5257

For Research Use Only



Description

Source	Cynomolgus DR3 / TNFRSF25 Protein, Fc Tag (Cynomolgus DR3 / TNFRSF2, Fc Tag) Gln 20 - Gly 203 (Accession # G7NTB5) was produced in human 293 cells (HEK293) at ACROBiosystems.
Predicted N-terminus	Gln 20
Molecular Characterization	Cynomolgus DR3 / TNFRSF2, Fc Tag is fused with a human IgG1 Fc tag at the C-terminus, and has a calculated MW of 46.3 kDa. The predicted N-terminus is Gln 20. The reducing (R) protein migrates as 50 kDa in SDS-PAGE .
Endotoxin	Less than 1.0 EU per µg of the Cynomolgus DR3 / TNFRSF2, Fc Tag by the LAL method.
Purity	>90% as determined by SDS-PAGE.

Formulation and Storage

Formulation	Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization. Contact us for customized product form or formulation.
Reconstitution	See Certificate of Analysis for reconstitution instructions and specific concentrations.
Storage	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: <ul style="list-style-type: none">• 4-8°C for 12 months in lyophilized state;• -70°C for 3 months under sterile conditions after reconstitution.

Background

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.
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References

- (1) Kitson J., et al., 1996, Nature 384:372-375.
- (2) Bodmer J.-L., et al., 1997, Immunity 6:79-88.
- (3) Marsters S.A., et al., 1996, Curr. Biol. 6:1669-1676.

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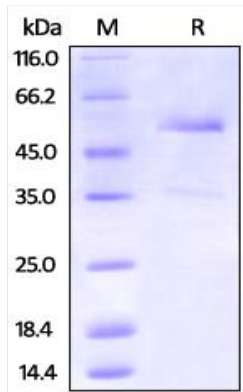
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Assay Data

SDS-PAGE Data

The purity of Cynomolgus DR3 / TNFRSF25, Fc Tag was determined by SDS-PAGE under reducing (R) condition and staining overnight with Coomassie Blue.



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