

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

Human TMIGD2 / CD28H -Fc

Purified Factor Product Number HC67821B 50.0 ug

DESCRIPTION:

Human TMIGD2 /CD28H -Fc recombinant protein is glycosylated and consists of disulfide-linked homodimer (361 aa residues) with monomer of 128 aa extracellular domain fused to the Fc portion of IgG1. Molecular weight as calculated is 40.1 kDa, but migrates at approximately 55-60 Kda on SDS-PAGE (reducing conditions).

SOURCE: CHO cells
 Purity > 95% by HPLC analysis
 Endotoxin < 0.1 ng per ug TMIGD2

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
as determined by ability to bind human B7-H7 protein in assay
(Results can vary with assay employed.)

APPLICATIONS:

ELISA, Functional Binding Assays

HANDLING AND STORAGE:

Purified Human TMIGD2 /CD28H- Fc factor is provided lyophilized.
Additive-free.

Store lyophilized, at -20° C. Can be reconstituted with **sterile or distilled water** to a concentration of 200 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

RESEARCH USE ONLY -NOT for DRUG USE
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