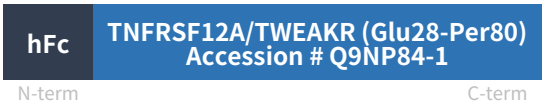
Rev02
Update: Aug,08,2025

DATASHEET

TNFRSF12A/TWEAKR hFc Chimera, Human

Cat. No.: Z05899

Product Introduction

Species	Human
Protein Construction	
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized TNFRSF12A/TWEAKR hFc Chimera, Human at 1μg/ml (100μl/Well) on the plate can bind Biotinylated Anti - TNFRSF12A Antibody, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	32.9 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 38-45 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : Thyroid cancer (TC) is the most well-known endocrine neoplasia as well as a common malignant tumor in the head and neck.TNFRSF12A expression may be a potential useful prognostic molecular biomarker of bad survival in thyroid cancer, in addition, PPAR signaling pathway, insulin signaling pathway, mTOR signaling pathway may be the key pathway controlled by TNFRSF12A in thyroid cancer. Further experimental ought to be performed to demonstrate the biologic effect of TNFRSF12A.

Synonyms : FGF-inducible 14; Fgfrp2; TNFRSF12A; FN14; CD266; TWEAKR

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