Product Name: Recombinant Human TDGF1 (C-Fc)
Catalog #: PHH1614

Summary

Name	Teratocarcinoma-derived growth factor 1/TDGF1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Teratocarcinoma-derived Growth Factor 1 is produced by our Mammalian expression system and the target gene encoding Leu31-Ser169 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P13385
Host	Human Cells
Species	Human
Predicted Molecular Mass	42.8 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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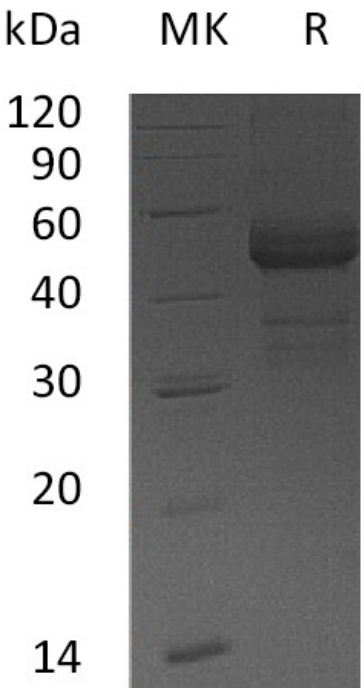

Alternative Names

Teratocarcinoma-derived growth factor 1;Cripto-1 growth factor;CRGF;Epidermal growth factor-like cripto protein CR1;TDGF1;CRIPTO

Background

Teratocarcinoma-derived growth factor 1(TDGF1) is a Cell membrane protein and contains 1 EGF-like domain. The protein plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. It also may play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.

Note

For Research Use Only , Not for Diagnostic Use.