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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TGFB1 (Human) Recombinant Protein

Catalog Number: P9711

Regulation Status: For research use only (RUO)

Product Description: Human TGFB1 (P01137, 30 a.a. - 278 a.a.) partial recombinant protein with His tag at N-terminus expressed in HEK293 cells.

Sequence:

LSTCKTIDMELVKKRRIEAIKQILSKLRLASPPSQGEV
PPGPLPEAVLALYNSTRDRVAGESAEPEPEPEADYYA
KEVTRVLMVETHNEIYDKFKQSTHSIYMFNTSELREA
VPEPVLLSRAELRLLRLKLVKVEQHVELYQKYSNNSWR
YLSNRLLAPSDSPEWLSFDVTGVVRQWLSRGGEIEGF
RLSAHCSCDSRDNTLQVDINGFTTGRRGDLATIHGMN
RPFLLMATPLERAQHLQSSRHR

Host: Human

Theoretical MW (kDa): 31.4

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: Mammalian cell (Expi293, high-yield transient HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 90% as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Activity: The EC₅₀ was 0.46 ug/mL, measured by ELISA at 2 ug/mL.

Recommend Usage: Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS pH 7.4

Storage Instruction: Store at -80°C for 12 Month. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7040

Gene Symbol: TGFB1

Gene Alias: CED, DPD1, TGFB, TGFbeta

Gene Summary: TGFB is a multifunctional peptide that controls proliferation, differentiation, and other functions in many cell types. TGFB acts synergistically with TGFA (MIM 190170) in inducing transformation. It also acts as a negative autocrine growth factor. Dysregulation of TGFB activation and signaling may result in apoptosis. Many cells synthesize TGFB and almost all of them have specific receptors for this peptide. TGFB1, TGFB2 (MIM 190220), and TGFB3 (MIM 190230) all function through the same receptor signaling systems.[supplied by OMIM]