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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TGFB1 (Human) Recombinant Protein (Biotin)

Catalog Number: P10451

Regulation Status: For research use only (RUO)

Product Description: Human TGFB1 (P01137, Leu30-Arg278) partial recombinant protein with His-Avi tag at the N-Terminus expressed in HEK293 cells.

Sequence: Leu30-Arg278

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: Lyophilized

Conjugation: Biotin

Preparation Method: Mammalian cell (HEK293) expression system

Purity: > 95% by Tris-Bis PAGE

Endotoxin Level: < 0.1 EU per 1 ug as determined by the LAL method.

Activity: The EC₅₀ was 0.86 ug/mL, measured by ELISA at 1 ug/mL.

Recommend Usage: Biological Activity

ELISA

Tris-Bis PAGE

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

Storage Buffer: Lyophilized from 0.22 um filtered solution in PBS, pH 7.4. (8% trehalose).

Storage Instruction: Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months. 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]