

Bioactive

HuPro®

Tgfb1 (Mouse) Recombinant Protein

Catalog # P7581

Size 10 ug

Specification

Product Description	Mouse Tgfb1 (P04202, 279 a.a. - 390 a.a.) partial recombinant protein expressed in Human cells.
Sequence	ALDTNYCFSSTEKNCCVRQLYIDFRKDLGWKWIHEPKGYHANFCLGPCPYWSLDTQYSKVLALY NQHNPGASASPCCVQALEPLPIVYVGRKPKVEQLSNMIVRSCKCS
Host	Human
Theoretical MW (kDa)	12.8
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED ₅₀ was determined by the ability to inhibit IL-4-dependent proliferation of TF-1 human erythrol eukemic cells is < 5 - 25 pg/mL.
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Tgfb1

Entrez GeneID [21803](#)**Protein Accession#** [P04202](#)**Gene Name** Tgfb1**Gene Alias** TGF-beta1, TGFbeta1, Tgfb, Tgfb-1**Gene Description** transforming growth factor, beta 1**Gene Ontology** [Hyperlink](#)**Gene Summary** O**Other Designations** TGF-beta 1|regulatory protein|transforming growth factor-beta 1