

## Recombinant Human TGF- $\beta$ 1(HEK293-expressed)

Catalog Number: OM643778

### Characteristics:

Source	HEK293
Description	Human TGF- $\beta$ 1 (Ala279-Ser390) Accession # P01137
Predicted molecular mass	12.8kDa(monomer)

### Specification:

Appearance	White powder,Colorless clear liquid after reconstitution
Purity	$\geq 95\%$ , by SDS-PAGE (conditions,visualized by Coomassie staining)
Endotoxin	$\leq 10$ EU/mg by the LAL method
Activity	Measured in a cell inhibition assay using TF-1 cells at IL4 presence. The ED <sub>50</sub> for this effect is $\leq 0.1$ ng/mL.
Formulation	Lyophilized from a 0.2 um filtered solution containing 100 mM Glycine,5% mannitoland0.01% Tween 80, pH7.4
Size	50 $\mu$ g/vial, 1 mg/vial

### Handling and Storage:

Reconstitution	It is recommended to redissolve in 4mM HCl.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>