

Recombinant Human TGF β 1 Protein

Catalog Number:PDEH100085



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Transforming growth factor beta-1 proprotein;Latency-associated peptide;LAP;TGF-beta-1;TGFB
Species	Human
Expression Host	E.coli
Sequence	Ala279-Ser390
Accession	P01137
Calculated Molecular Weight	36.8 kDa
Observed molecular weight	40 kDa
Tag	N-GST

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Background

Transforming growth factor beta-1 proprotein: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-1 (TGF-beta-1) chains, which constitute the regulatory and active subunit of TGF-beta-1, respectively.

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