

Transforming Growth Factor-Beta 1 Mouse Recombinant

Item Number	rAP-2485
Synonyms	Transforming growth factor beta-1, TGF-beta-1, Tgfb, Tgfb-1, TGFbeta1.
Description	TGFB1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 135 amino acids (279-390 a.a) and having a molecular mass of 15kDa.
Uniprot Accesion Number	P04202
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSALDTNYC FSSTEKNCCV RQLYIDFRKD LGWKWIHEPK GY-HANFCLGP CPYIWSLDTQ YSKVLALYNQ HNPASASPC CVPQALEPLP IVYYVGRKPK VEQLSNMIVR SCKCS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TGFB1 protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**