

## 32-6553: TGFB1 Mouse

**Alternative Name :** Transforming growth factor beta-1, TGF-beta-1, Tgfb, Tgfb-1, TGFbeta1.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Transforming growth factor betas (TGFbetas) mediate many cell-cell interactions which occur during embryonic development. Three TGFbetas have been identified in mammals. TGFbeta1, TGFbeta2 and TGFbeta3 are each synthesized as precursor proteins which are very similar in that each is cleaved to yield a 112 amino acid polypeptide which remains associated with the latent portion of the molecule.

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 15.2kDa.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 85.0% as determined by SDS-PAGE.

**Content :** TGFB1 protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSALDTNYC FSSTEKNCCV RQLYIDFRKD LGWKWIHEPK  
GYHANFCLGP CPYIWSLDTQ YSKVLALYNQ HNP GASASPC CVPQALEPLP IVYYVGRKPK VEQLSNMIVR  
SCKCS.