9051 Mira Mesa Blvd, #910094
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TGFB1 Mouse

Transforming Growth Factor-Beta 1 Mouse Recombinant
GRF0390

Product Overview

Name	TGFB1 Mouse
Description	
Transforming Growth Factor-Beta 1 Mouse Recombinant	
Accession (Primary)	P04202
Synonyms	
Transforming growth factor beta-1, TGF-beta-1, Tgfb, Tgfb-1, TGFbeta1.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TGFB1 protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS ALDTNYC FSSTEKNCCV RQLYIDFRKD LGWKWIHEPK GYHANFCLGP CPYIWSLDTQ YSKVLALYNQ HNPGASASPC CVPQALEPLP IVYYVGRKPK VEQLSNMIVR SCKCS.	
Precautions	
TGFB1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P04202)