

Human TGF- β 3 ELISA Kit

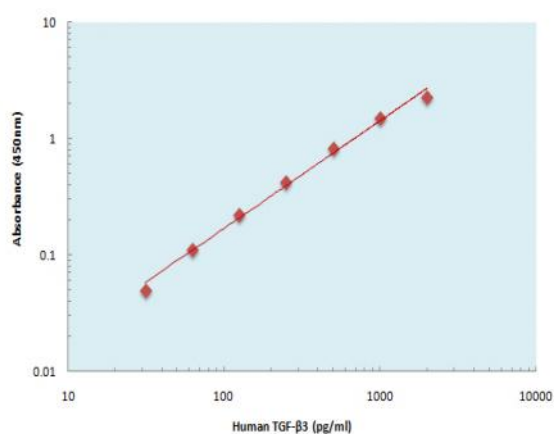
Catalog No :	KE1164
Reactivity :	Human
Applications :	ELISA
Gene Name :	TGFB3
Protein Name :	Transforming growth factor beta-3
Human Gene Id :	7043
Human Swiss Prot No :	P10600
Mouse Swiss Prot No :	P17125
Specificity :	Sample Type for Cell Culture Supernates, Cell lysates, Tissue Lysates, Serum, EDTA Plasma, Heparin Plasma
Storage Stability :	2-8°C/6 months
Detection Method :	Colorimetric
Background :	disease:Defects in TGFB3 are a cause of familial arrhythmogenic right ventricular dysplasia 1 (ARVD1) [MIM:107970]; also known as arrhythmogenic right ventricular cardiomyopathy 1 (ARVC1). ARVD is an autosomal dominant disease characterized by partial degeneration of the myocardium of the right ventricle, electrical instability, and sudden death. It is clinically defined by electrocardiographic and angiographic criteria; pathologic findings, replacement of ventricular myocardium with fatty and fibrous elements, preferentially involve the right ventricular free wall.,function:Involved in embryogenesis and cell differentiation.,online information:TGF beta-3 entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,
Function :	protein import into nucleus, translocation, MAPKKK cascade, activation of MAPK activity, skeletal system development,ossification, response to hypoxia, in utero embryonic development, regulation of protein amino acid phosphorylation,positive regulation of protein amino acid phosphorylation, reproductive developmental process, detection of oxygen,regulation of DNA replication, regulation of transcription, DNA-

dependent, regulation of transcription from RNA polymerase II promoter, protein amino acid phosphorylation, protein targeting, protein import into nucleus, phosphorus metabolic process, phosphate metabolic process, intracellular protein transport, nucleocytoplasmic transport, induction of apoptosis, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein serine/threonine kinase signaling pathway, transforming g

Subcellular Location :

[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix .; [Transforming growth factor beta-3]: Secreted .

Products Images



The Human TGF-β3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human TGF-β3 proteins within the range of 32-2000 pg/ml.