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Product Datasheet

Recombinant Human TGF-beta 2 EBT-EPT195

Article Name	Recombinant Human TGF-beta 2
Biozol Catalog Number	EBT-EPT195
Supplier Catalog Number	EPT195
Alternative Catalog Number	EBT-EPT195-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Transforming Growth Factor Beta 2 is produced by our Mammalian expression system and the target gene encoding Ala303-Ser414 is expressed....
Molecular Weight	Molecular weight: 12.7 KDa. Apparent molecular weight: 12 KDa, reducing conditions
UniProt	P61812
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/µg (0.01 EU/µg) as determined by LAL test. Biological activity: Immobilized Human TGF-beta 2(CatCJ79) at 2µg/ml (100 µl/well) can bind Human TGFBR2-Fc (CatCC10). The ED50 of Human TGFBR2-Fc (CatCC10) is 1.15 ug/ml. Background: Transforming growth factor beta-2 (TGF-beta2) is a secreted protein which belongs to the TGF-beta family. It is known as a cytokine that performs many cellular functions and has a vital role during embryonic development. The precursor is cleaved into mature TGF-beta-2 and LAP, which remains non-covalently linked to mature TGF-beta-2 rendering it inactive. It is an extracellular glycosylated protein. It is known to suppress the effects of interleukin dependent T-cell tumors. Defects in TGFB2 may be a cause of non-syndromic aortic disease (NSAD)
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