

Product Datasheet

Human TGF-beta 1 Protein (orb257996)

Description	Human TGFB1, premium grade is expressed from human 293 cells (HEK293). It contains AA Ala 279 - Ser 390 (Accession # P01137-1).
Reactivity	Human
Endotoxins	0.1 EU per µg
Conjugation	Unconjugated
Target	TGF-Beta 1, TGFB1
Preservatives	0.085% TFA in 30% ACN
Form/Appearance	Powder
Storage	-20°C to -70°C for 12 months in lyophilized state; -70°C for 12 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Tag	Native
Note	For research use only
Application notes	This protein carries no "tag". The protein has a calculated MW of 12.8 kDa (monomer). the protein migrates as 14 kDa (monomer) under reducing (R) condition, and 25 kDa (Dimer) under non-reducing (NR) condition (SDS-PAGE).
Biologically Active?	Yes
Biological Activity	Immobilized Human TGFB1, premium grade at 0.2 µg/mL (100 µL/well) can bind Human TGFBR2, Fc Tag with a linear range of 0.2-2.5 ng/mL (QC tested).
Purity	95%
Source	Human TGFB1, premium grade (orb257996) is expressed from human 293 cells (HEK293). It contains AA Ala 279 - Ser 390 (Accession # P01137-1).

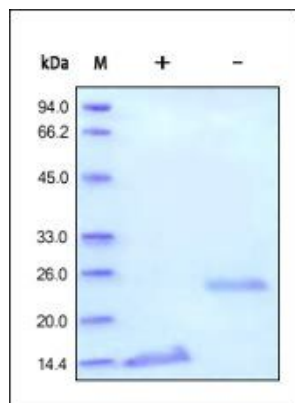
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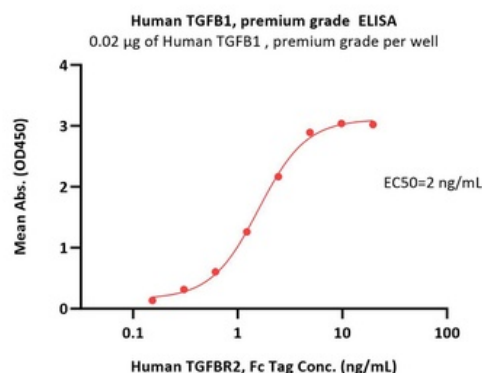
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MW	12.8 kDa (monomer)
Uniprot ID	P01137
NCBI	NP_000651.3
Expiration Date	6 months from date of receipt.



SDS-PAGE analysis of Human TGF-beta 1 protein



Immobilized Human TGFβ1, premium grade (Cat. No. orb257996) at 0.2 μg/mL (100 μL/well) can bind Human TGFβ2, Fc Tag (Cat. No. orb257866) with a linear range of 0.2-2.5 ng/mL (QC tested).

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