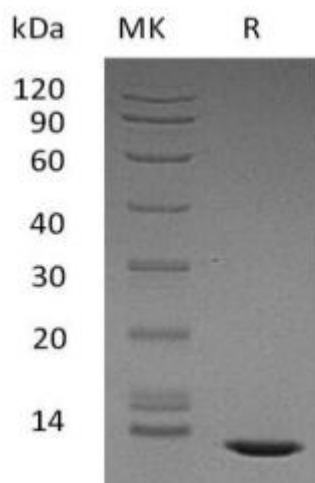




TGF-beta 2/TGFB2

E21-J79

- Catalog Number:** E21-J79
- Amount:** 10 μ g
- Product State:** Lyophilized
- Formulation:** Lyophilized from a 0.2 μ m filtered solution of 4 mM HCl.
- Storage/Stability:** Lyophilized protein should be stored at $< -20^{\circ}$ C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7 $^{\circ}$ C for 2-7 days.
Aliquots of reconstituted samples are stable at $< -20^{\circ}$ C for 3 months.
- Endotoxin:** Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
- Purity:** Greater than 95% as determined by reducing SDS-PAGE.
- Species:** Human
- Description:** Recombinant Human Transforming Growth Factor beta 2 is produced by our Mammalian expression system and the target gene encoding Ala303-Ser414 is expressed.
- Alternate:** Transforming growth factor beta-2;TGFB2;Polyergin;G-TSF;Glioblastoma-derived T-cell suppressor factor;Cetermin;BSC-1 cell growth inhibitor;TGF-beta-2
- Background:** Transforming growth factor beta-2 (TGF- β 2) 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).
- Expression system:** Human cells



SDS-PAGE analysis of TGF-beta 2/TGFB2. The MW is 12.7KD.

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