

## 32-8550: Recombinant Human Transforming Growth Factor beta-2/TGFB2

**Gene :** TGFB2  
**Gene ID :** 7042  
**Uniprot ID :** P61812

### Description

Source: Human Cells.  
MW :12.7kD.

Recombinant Human Transforming Growth Factor beta 2 is produced by our Mammalian expression system and the target gene encoding Ala303-Ser414 is expressed. 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).

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 4 mM HCl.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** ALDAAYCFRNVQDNCCLRPYIDFKRDLGWKWIHEPKGYNANFCAGACPYLWSSDTQHSRVLSLYNTINPEAS  
ASPCCVSQDLEPLTILYIGKTPKIEQLSNMIVKSCCKCS

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.