

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 : ALDAAYCFRNVQDNCCLRPPLYIDFKRDLGWKWIHEPKGYNANFCAGACPYLWSSDTQHSRVLSLY
NTINPEASASPCCVSQDLEPLTILYYIGKTPKIEQLSNMIVKSCCKCS

Application Note

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