TGF-beta2 (mammalian derived) Human HEK293 cells

Product Data Sheet

Type: Recombinant
Source: HEK293 cells
Species: Human
Other names: Transforming Growth Factor-?2, Glioblastoma-derived T cell suppressor factor, BSC-1, Cetermin, Polyergin

Cat. No.:

RBG10313001	(1 µg)
RBG10313005	(5 µg)
RBG10313100	(100 µg)

Research topic

Apoptosis, Cardiovascular disease, Coronary artery disease, Immune Response, Infection and Inflammation, Oncology

Amino Acid Sequence

ALDAAYCFRN VQDNCCLRPL YIDFKRDLGW KWIHEPKGYN ANFCAGACPY LWSSDTQHSR VLSLYNTINP EASASPCCVS QDLEPLTILY YIGKTPKIEQ LSNMIVKSCK CS

Source

HEK293 cells

Purity

98%

Biological Activity

Determined by its ability to inhibit the mouse IL-4-dependent proliferation of mouse HT-2 cells. The ED50 was found to be 0.2 ng/ml, corresponding to a specific activity of 5×106 units/mg.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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