

Human TGF Beta-2 protein (Recombinant) (STJP000573)

STJP000573

GENERAL INFORMATION

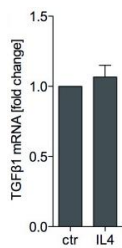
Product Type Proteins
Short Description Recombinant-Human TGF Beta-2-protein was developed from cho cells. For use in research applications.
Host/Source CHO cells

PRODUCT PROPERTIES

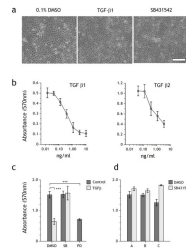
Concentration
Formulation Recombinant TGF-b2 is lyophilized from 2.0 μg/ml filtered PBS solution pH7.4.
Purification
Dilution Range >95%, as determined by SDS-PAGE and HPLC.
Storage Upon reconstitution, this cytokine can be stored in working aliquots at 2-8°C for one month, or at -20°C for six months. Avoid repeated freeze/thaw cycles.
Instruction

TARGET INFORMATION

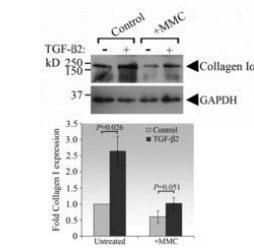
Gene ID 7040
Gene Symbol TGFB1
Uniprot ID TGFB1_HUMAN
Immunogen
Sequence



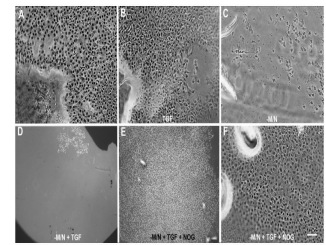
Quantitative RT-PCR for TGF Beta 1, TGF Beta 2 and TGF Beta 3 revealed increased TGF Beta 2 expression after IL4 treatment.



(b) MTT assay showing dose-response curves of viable biomass from non-differentiated (proliferative) NHU cells treated for 4 days with TGF Beta 1 and TGF Beta 2.



HTFs were treated with MMC (left panel) or transfected with siRNAs (right panel) with or without TGF-Beta 2 for 72 hrs before being analysed for collagen I protein abundance by immunoblotting for collagen I Alpha 1 and GAPDH (loading control).



The wound was also covered with cells following treatment with TGF-Beta 2.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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