

Human/Mouse/Rat TGF-beta 3 protein (Recombinant) (No tag) (STJP002647)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

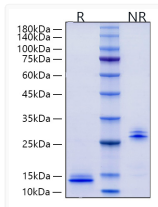
Formulation	Lyophilised from a 0.2 M filtered solution of 50mM Glycine-HCl, 150mM NaCl, pH 2.5.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

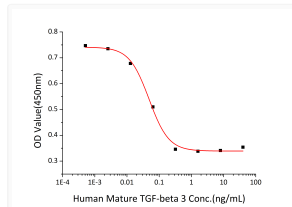
Gene ID	7043
Gene Symbol	TGFB3
UniProt ID	TGFB3_HUMAN
Immunogen Region	Tyr340Phe
Immunogen Sequence	ALDTNYCFRNLEENCCVRPL YIDFRQDLGWKWWHEPKGYF ANFCSGPCPYLRSADTTHTST VLGLYNTLNPEASASPCCV QDLEPLTILYYGRTPKVEQ LSMVVKSKCKS

ADDITIONAL INFORMATION

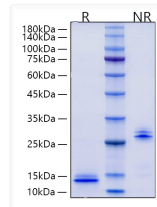
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



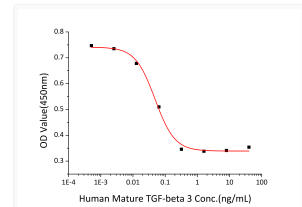
Recombinant Human/Mouse/Rat TGF-beta 3 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions, showing bands at 13-16 kDa and 25-30 kDa, respectively.



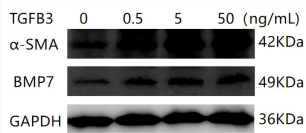
Measured by its ability to inhibit the IL-4 dependent proliferation of HT-2 mouse T cells. The ED₅₀ for this effect is 24.2-96.6 pg/mL, corresponding to a specific activity of 1.04 × 10⁷ - 17 × 10⁷ units/mg.



Recombinant Human/Mouse/Rat mature TGF-beta 3 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



Measured by its ability to inhibit the IL-4 dependent proliferation of HT-2 mouse T cells. The ED₅₀ for this effect is 24.2-96.6 pg/mL, corresponding to a specific activity of 1.04 × 10⁷ - 17 × 10⁷ units/mg.



Recombinant Human/Mouse/Rat mature TGF-beta 3 Protein enhances α-SMA and BMP7 expression in NRK-49F rat kidney cells. 0.5-5 ng/mL of Recombinant Human/Mouse/Rat mature TGF-beta 3 can effectively enhance α-SMA and BMP7 expression.