

## Mouse/Rat Mature TGF-beta 1 protein (Recombinant) (No tag) (STJP002649)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

### PRODUCT PROPERTIES

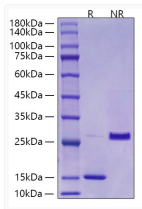
Formulation	Lyophilised from a 0.2 M filtered solution of 50 mM Glycine, 150 mM NaCl, pH 3.5.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

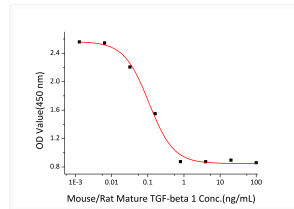
Gene ID	<a href="#">21803</a>
Gene Symbol	<a href="#">Tgfb1</a>
UniProt ID	<a href="#">TGFB1_MOUSE</a>
Immunogen Region	Ala279-Ser390
Immunogen Sequence	ALDTNYCFSSTEKNCCVRQL YIDFRKDLGWKWIHEPKGYH ANFCLGPCPYIWSLDTQYSK VLALYNQHNP GASASPCCVP QALEPLPIVYVGRKPKVEQ LSNMIVRSCKCS

### ADDITIONAL INFORMATION

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



Recombinant Mouse TGF-beta 1/TGFB1 Protein was determined by SDS-PAGE under reducing and non-reducing conditions, showing a band at 15 kDa and 25-30 kDa respectively.



Recombinant Mouse/Rat Mature TGF-beta 1 inhibit the IL-4-dependent proliferation of HT-2 mouse T cells. The ED<sub>50</sub> for this effect is 0.054-0.214 ng/mL, corresponding to a specific activity of  $4.7 \times 10^6$ - $1.85 \times 10^7$  units/mg.