

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

**GENERAL INFORMATION**

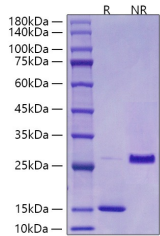
|                          |              |
|--------------------------|--------------|
| <b>Product Type</b>      | Proteins     |
| <b>Short Description</b> |              |
| <b>Host/Source</b>       | HEK293 cells |

**PRODUCT PROPERTIES**

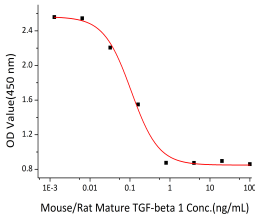
|                            |  |
|----------------------------|--|
| <b>Concentration</b>       |  |
| <b>Formulation</b>         | Lyophilised from a 0.2 M filtered solution of 50 mM Glycine, 150 mM NaCl, pH 3.5.              |
| <b>Purification</b>        |  |
| <b>Dilution Range</b>      | > 95% by SDS-PAGE.   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

**TARGET INFORMATION**

|                           |             |
|---------------------------|-------------|
| <b>Gene ID</b>            | 21803       |
| <b>Gene Symbol</b>        | Tgfb1       |
| <b>Uniprot ID</b>         | TGFB1_MOUSE |
| <b>Immunogen Sequence</b> |             |



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 TA cells. The ED<sub>50</sub> for this effect is 0.094-0.214 ng/mL, corresponding to a specific activity of 4.7A10<sup>6</sup> units/mg. 85A 10<sup>6</sup> units/mg.

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081