

## TGF beta 2/TGFB2 Protein, Mouse/Rat (HEK293)-1

Cat. No.:	HY-P7299
Synonyms:	rMuTGF- $\beta$ 2; TGFB2; LAP
Species:	Mouse
Source:	HEK293
Accession:	P27090 (A303-S414)
Gene ID:	21808
Molecular Weight:	Approximately 12.7 kDa

### PROPERTIES

AA Sequence	<p>           A L D A A Y C F R N    V Q D N C C L R P L    Y I D F K R D L G W    K W I H E P K G Y N            A N F C A G A C P Y    L W S S D T Q H T K    V L S L Y N T I N P    E A S A S P C C V S            Q D L E P L T I L Y    Y I G N T P K I E Q    L S N M I V K S C K    C S         </p>
Biological Activity	The ED <sub>50</sub> is <0.2 ng/mL as measured in a cell proliferation assay using mouse HT-2 cells.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 4 mM HCl.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Transforming growth factor-beta 2 (TGF- $\beta$ 2) is a secreted protein known as a cytokine that performs many cellular functions and has a vital role during embryonic development. It is known to suppress the effects of interleukin dependent T-cell tumors <sup>[1]</sup> .
------------	---

### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA