



**Product:**

**Recombinant Human TGF-  $\beta$  1**  
Transforming Growth Factor - beta 1  
Powder

**Catalog #: 300-191P**  
**Lot #: G64L40J**  
**Assayed: Mar 2018**

**Date Received:** \_\_\_\_\_  
**Expiration Date:\*** \_\_\_\_\_

TEST	METHODOLOGY	RESULTS
Biological Testing		
Endotoxin	LAL	0.143 EUs/ $\mu$ g
Biochemical Testing		
Purity	SDS PAGE	>95%
Biological Activity ED <sub>50</sub>	Inhibition of IL-4 induced HT-2 cell Proliferation	7.4 x 10 <sup>6</sup> U/mg

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.*

*Okun 23sep 2019*

Created by/ date

*Myra Wilson 23sep 2019*

Verified by/ date

\*Expiration Date is one year from the date of receipt when stored at -20 to -80°C.