

## Recombinant Bovine IFN-tau

<b>Catalog No.</b>	CR2058	<b>Quantity:</b>	1x10E5 Units
<b>Alternate Names:</b>	Interferon-tau, Trophoblastin, IFNT, IFN-tau, OTP-1, TP-1		
<b>Description:</b>	Recombinant Bovine Interferon-tau. Active on cow, sheep, human, and mouse cells.		
<b>Gene ID:</b>	317698		
<b>Protein Accession No:</b>	NP_001015511		
<b>Source:</b>	Bovine gene for interferon tau expressed in <i>E. coli</i>		
<b>Molecular Weight:</b>	20.027 kDa		
<b>Formulation:</b>	Liquid in PBS + 0.1% BSA		
<b>Purity:</b>	≥ 95%		
<b>Biological Activity:</b>	Interferon was titrated with the use of the cytopathic effect inhibition assay. In this antiviral assay for interferon about 1 unit/ml of interferon is the quantity necessary to produce a cytopathic effect of 50%. As there is no international Bo-IFN- $\tau$ standard, units are determined with respect to the international reference standard for human interferon alpha A (Hu-IFN- $\alpha$ A) provided by the National Institutes of Health. Unit of activity measured on bovine MDBK cells with vesicular stomatitis virus (VSV).		
<b>Storage &amp; Stability:</b>	Store in working aliquots at -80°C. Dilute only in buffers containing protein such as 0.1% BSA. Over time, a portion of the carboxy terminal end may get clipped off, resulting in some protein of a molecular weight less than 20.0 kDa. Both the original bovine interferon tau and the clipped protein should maintain their biological activity. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

