

MAF

Catalog # PVGS1478

Product Information

Primary Accession	P01581
Species	Rat
Sequence	GTLIESLESL KNYFNSSSMD AMEGKSLLLD IWRNWQKDG N TKILESQIIS FYRLFEVLK DNQAISNNIS VIESHLITNF FSNSKAKKDA FMSIAKFEVN NPQIQHKAVN ELIRVIHQLS PESSLRKRKR SRC
Purity	> 95% as analyzed by SDS-PAGE and HPLC.
Endotoxin Level	
Formulation	Lyophilized after extensive dialysis against PBS.
Reconstitution	Reconstituted in ddH ₂ O or PBS at 100 µg/ml.

Additional Information

Other Names	Interferon gamma, IFN-gamma, Ifng
Target Background	Interferon gamma (IFN-γ), also known as Type II interferon, is a cytokine produced primarily by T-lymphocytes and natural killer cells. The active form of IFN-γ is an antiparallel dimer that interacts with the receptor IFN-γR1 and activates the IFN-γ/JAK/STAT pathway. IFN-γ signaling promotes biological functions primarily related to antiviral and antibacterial defense, apoptosis, inflammation, and regulation of innate and acquired immune responses. While IFN-γ-induced inflammatory cascades summon a variety of immune-related cell types, such as macrophages, natural killer (NK) cells and cytotoxic T lymphocytes (CTLs), IFN-γ is also implicated in resistance to NK cell and CTL responses and in immune escape in a variety of cancers. Recombinant Rat Interferon gamma (IFN-γ) produced in E.coli is a single non-glycosylated polypeptide chain containing 134 amino acids. A fully biologically active molecule, rrIFN-γ has a molecular mass of 15.5 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.