



Recombinant Protein Technical Manual
Recombinant Mouse Interferon α -2/IFNA2 Protein
RPES1372

Product Data:

Product SKU: RPES1372

Size: 10 μ g

Species: Mouse

Expression host: E. coli

Uniprot: P01573

Protein Information:

Molecular Mass: 19.5 kDa

AP Molecular Mass: 16 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per μ g as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 μ m filtered solution of 20mM PB,100mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2

Immunogen Information:

Sequence: Cys24-Glu190

Background:

At least 23 different variants of Interferon- α are known. The individual proteins have molecular masses between 19-26 kD and consist of proteins with lengths of 15666 and 172 amino acids. All IFN- α subtypes possess a common conserved sequence region between amino acid positions 11551 while the amino-terminal ends are variable. Many IFN- α subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxyl-terminal end.