

## 重组小鼠干扰素- 2(IFN- 2)

Interferon Alpha-2(IFNA2), Mouse, Recombinant

Cat. No.: MA1467-1 Size: 10µg

Source: E.coli

**Description:** Recombinant Mouse Interferon Alpha-2 is produced by our E.coli expression system

and the target gene encoding Cys24-Glu190 is expressed.

Accession: P01573

**Known As:** Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2

Predicted Mol Mass: 19.5 KDa

**Apparent Mol Mass:** 16 KDa, reducing conditions

**Endotoxin:** < 1 EU/µg as determined by LAL test.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Histidine-HCl, 6% Sucrose, 4%

Mannitol, 0.02% Tween80 (w/v), pH 6.0.

**Reconstitution:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Shipping:** The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

**Storage:** Lyophilized protein should be stored at  $\leq$  -20°C, stable for one year after receipt.

Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at  $\leq$  -20°C for 3 months.

**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 156-166 and 172 amino acids. All IFN- $\alpha$  subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN- $\alpha$  subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the

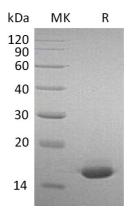
carboxyl-terminal end.

**Purity-SDS-PAGE:** 









Greater than 95% as determined by reducing SDS-PAGE.

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