

Active Recombinant Human interferon- β

Cat. No. IFNB-55H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant, human interferon- β (IFN- β) expressed in CHO cells as a single glycosylated polypeptide containing 166 amino acids. Purified by chromatographic methods.
Species	Human
Source	CHO
Description	IFN- β is a type I cytokine produced in response to exposure to viruses or double-stranded RNAs. It is also induced by other cytokines, such as TNF and IL-1. It is involved in the regulation of non-specific humoral immune responses and immune responses to viral infections, and thus exhibits anti-viral, anti-proliferative, and immunomodulating properties. The biological activity of IFN- β , unlike IFN- α , is strictly species-specific and will not be active across species.
Form	Lyophilized. Lyophilized from 62 mg/ml mannitol, 9.1 mg/ml human albumin, 0.9 mg/ml acetate, pH 7.0-7.2.
Bio-activity	Reported as IU/mg on a lot-specific basis using a viral resistance assay
Molecular Mass	22500
Purity	$\geq 98\%$ by SDS-PAGE
Storage	-20°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA