

Product Datasheet

Recombinant IFN- β , Human (orb1494646)

Description	Interferon-beta (IFN- β), acting via STAT1 and STAT2, is known to upregulate and downregulate a wide variety of genes, most of which are involved in the antiviral immune response. It is a member of Type I IFNs, which include IFN- α , - β , τ , and - ω . IFN- β plays an important role in inducing non-specific resistance against a broad range of viral infections. It also affects cell proliferation and modulates immune responses.
Endotoxins	< 0.2 EU/ μ g, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant Human Interferon-beta remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human Interferon-beta should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH ₂ O or PBS at 100 μ g/ml.
Protein Sequence	MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDIPEEIKQLQQFQKEDAALTIYE MLQNIFAIFRQDSSSTGWN ETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAW TIVRVEILRNIFYFINRL TGYLRN
Purity	> 95% as analyzed by SDS-PAGE.
Source	HEK 293
MW	~23 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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