

## Product Datasheet

### Human IFN-gamma Protein (orb257562)

<b>Catalog Number</b>	orb257562
<b>Category</b>	Proteins
<b>Description</b>	Human IFN-gamma, premium grade is expressed from human 293 cells (HEK293). It contains AA Gln 24 - Gln 166 (Accession # P01579).
<b>Target</b>	IFN-gamma
<b>Conjugation</b>	Unconjugated
<b>Tag</b>	Native
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Powder
<b>Buffer/Preservatives</b>	PBS, pH 7.4
<b>Purity</b>	95%
<b>UniProt ID</b>	<b>P01579</b>
<b>MW</b>	16.8 kDa
<b>Application notes</b>	This protein carries no "tag". The protein has a calculated MW of 16.8 kDa. The protein migrates as 15 kDa, 19 kDa and 24 kDa $\pm$ 3 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Expression System</b>	HEK293
<b>Endotoxins</b>	0.01 EU per $\mu$ g
<b>Expression Region</b>	Gln 24 - Gln 166

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**Storage**

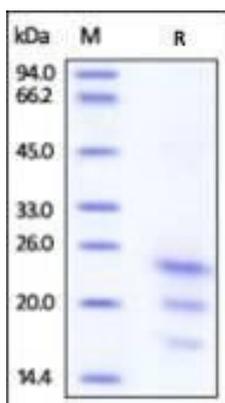
-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower

**Note**

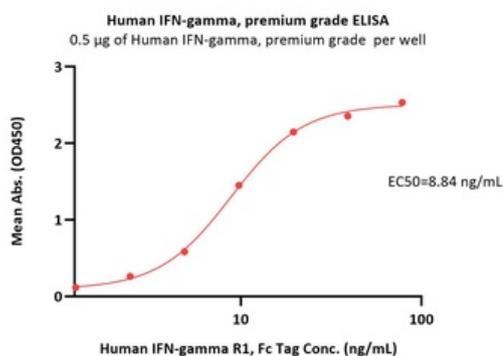
For research use only

**Expiration Date**

6 months from date of receipt.



SDS-PAGE analysis of Human IFN gamma protein



Immobilized Human IFN-gamma, premium grade (Cat. No. orb257562) at 5 µg/mL (100 µL/well) can bind Human IFN-gamma R1, Fc Tag (Cat. No. orb257559) with a linear range of 1-10 ng/mL (QC tested).

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