

Product Datasheet

Recombinant Human Interferon alpha-2 (IFNA2) (Active) (orb2659094)

Catalog Number	orb2659094
Description	Recombinant Human Interferon alpha-2 (IFNA2) (Active)
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Form/Appearance	Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	N-terminal 10xHis-tagged
Note	For research use only
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Protein Sequence	CDLPQTHSLGSRRTLMLLAQMRRISLFSCLKDRHDFGFPQEEFGNQFQKAETIPVLHEMIQ QIFNLFSTKDSSAAWDETLLDKFYTELYQQLNDLEACVIQGVGVGTETPLMKEDSILAVRKYF QRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTNLQESLRSKE
Purity	Greater than 95% as determined by SDS-PAGE.
Source	Mammalian cell
MW	22.9 kDa

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Biorbyt LLC.

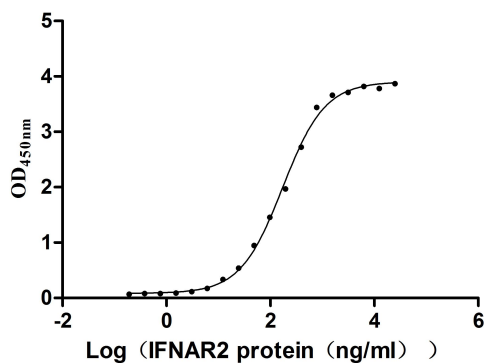
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Uniprot ID

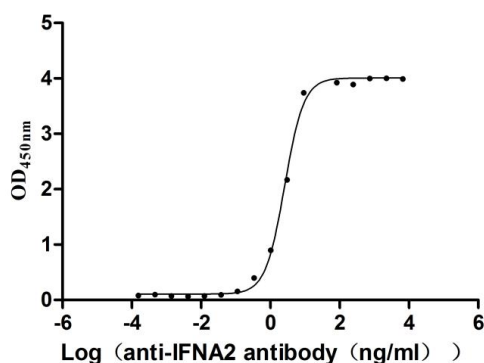
P01563

Expiration Date

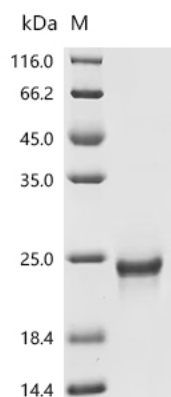
6 months from date of receipt.



Measured by its binding ability in a functional ELISA.
Immobilized Human IFNA2 at 2 µg/ml can bind Human IFNAR2.
The EC50 is 154.2-191.9 ng/mL.



Measured by its binding ability in a functional ELISA.
Immobilized Human IFNA2 at 2 µg/ml can bind Anti-IFNA2 recombinant antibody. The EC50 is 2.366-2.818 ng/mL.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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