

## IFN-alpha 13 Recombinant Protein | IFNA13 recombinant protein

IFN-alpha 13 Protein, Mouse, Recombinant (His Tag)

CATALOG #  
**AAA257483**

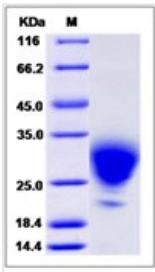
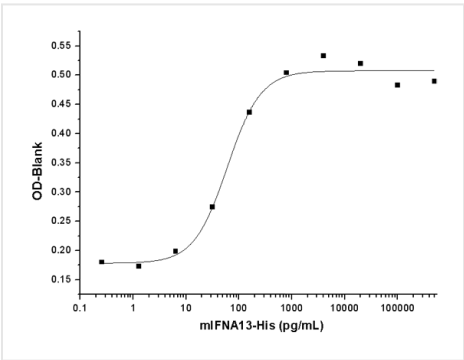
HOST  
**HEK293 Cells**

### PRODUCT SYNONYMS

IFN-alpha 13; IFN-alpha 13 Protein; Mouse; Recombinant (His Tag); Mouse IFNA13/Interferon alpha-13 Protein (His Tag); interferon; alpha 13; RP23-139P14.1 Protein; IFNA13 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 Cells                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification     | >90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                  |
| Form/Format             | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                                                                        |
| Sequence Positions      | 177aa                                                                                                                                                                                                                                                                                                                            |
| Sequence                | Met1-Glu189                                                                                                                                                                                                                                                                                                                      |
| Species                 | Mouse                                                                                                                                                                                                                                                                                                                            |
| Tag                     | C-His                                                                                                                                                                                                                                                                                                                            |
| Endotoxin               | <1.0EU per ug of the protein as determined by the LAL method                                                                                                                                                                                                                                                                     |
| Predicted N Terminal    | Cys24                                                                                                                                                                                                                                                                                                                            |
| Protein Construction    | JA DNA sequence encoding the mouse IFNA13 (Q80SU4) (Met1-Glu189) was expressed with a C-terminal polyhistidine tag                                                                                                                                                                                                               |
| Activity                | Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 10-80 pg/mL.                                                                                                                                                                                   |
| Preparation and Storage | Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.<br>Shipping: They are shipped out with blue ice pack |



Application Data

**Application Data**  
Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 10-80 pg/mL.

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Mahmutovic S, et al.. (2004) Significance of the interferon (IFN) in the therapy. Bosn J Basic Med Sci. 4(4): 42-4.Wang, et al.. (2004) Fever of recombinant human interferon-alpha is mediated by opioid domain interaction with opioid receptor inducing prostaglandin E2. J Neuroimmunol. 156(1-2): 107-12. |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 28893479                                                            |
| NCBI GeneID                      | 230396                                                              |
| NCBI Accession #                 | NP_796321.1                                                         |
| NCBI GenBank Nucleotide #        | NM_177347.2                                                         |
| UniProt Accession #              | Q80SU4                                                              |
| Molecular Weight                 | 21,567 Da                                                           |
| NCBI Official Full Name          | interferon alpha-13                                                 |
| NCBI Official Synonym Full Names | interferon alpha 13                                                 |
| NCBI Official Symbol             | Ifna13                                                              |
| NCBI Protein Information         | interferon alpha-13; IFN-alpha-13; interferon alpha family, gene 13 |
| UniProt Protein Name             | Interferon alpha-13                                                 |
| UniProt Gene Name                | Ifna13                                                              |
| UniProt Synonym Gene Names       | IFN-alpha-13                                                        |
| UniProt Entry Name               | IFNAD_MOUSE                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.