

Product datasheet for PH323649

IFNA4 (NM_021068) Human Mass Spec Standard

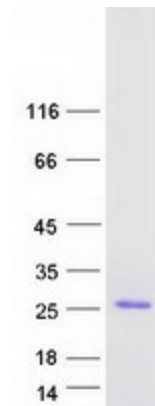
Product data:

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| Product Type: | Mass Spec Standards |
| Description: | IFNA4 MS Standard C13 and N15-labeled recombinant protein (NP_066546) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC223649 |
| Predicted MW: | 21.8 kDa |
| Protein Sequence: | >RC223649 protein sequence Red=Cloning site Green=Tags(s) MALSFSLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISHFSCLKDRHDFGFPEEEFDGHQ FQKTQAISVLHEMIQQTFLNFSTEDSSAAWEQSLLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDSI LAVRKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_066546</u> |
| RefSeq Size: | 982 |
| RefSeq ORF: | 567 |
| Synonyms: | IFN-alpha4a; INFA4 |
| Locus ID: | 3441 |
| UniProt ID: | <u>P05014</u> |


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| Cytogenetics: | 9p21.3 |
| Summary: | Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. [UniProtKB/Swiss-Prot Function] |
| Protein Families: | Druggable Genome, Secreted Protein |
| Protein Pathways: | Antigen processing and presentation, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of autophagy, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway |

Product images:



Coomassie blue staining of purified IFNA4 protein (Cat# [TP323649]). The protein was produced from HEK293T cells transfected with IFNA4 cDNA clone (Cat# [RC223649]) using MegaTran 2.0 (Cat# [TT210002]).