

Recombinant Human IFNA2 Protein

Catalog #	Source	Reactivity	Applications
CRP1703	P. pastoris	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human IFNA2 Protein is produced by P. pastoris. It is a single non-glycosylated polypeptide chain with a molecular mass of 85.7 kD.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Gene Symbol	IFNA2
Alternative Names	Interferon alpha-2; IFN-alpha-2; Interferon alpha-A; LeIF A
Entrez Gene	3440 (Human)
SwissProt	P01563 (Human)
Purity	Greater than 98% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	<p>DAHKSEVAHR FKDLGEENFK ALVLIAFAQY LQQCPFEDHV KLVNEVTEFA KTCVADESAE NCDKSLHTLF GDKLCTVATL RETYGEMADC CAKQEPERNE CFLQHKDDNP NLPRLVRPEV DVMCTAFHDN EETFLKKYLY EIARRHPYFY APELLFFAKR YKAAFTECCQ AADKAACLLP KLDEL RDEGK ASSAKQRLKC ASLQKFGERA FKAWAVARLS QRFPKAEFAE VSKLVTDLTK VHTECCHGDL LECADDRADL AKYICENQDS ISSKLKECCE KPLLEKSHCI AEVENDEMPA DLPSLAADFV ESKDVCKNYA EAKDVFLGMF LYEYARRHPD YSVVLLRLA KTYETTLEKC CAAADPHECY AKVFDEFKPL VEEPQNLIKQ NCELFEQLGE YKFQNALLRV YTKKVPQVST PTLVEVSRNL GKVGSKCKH PEAKRMPCAE DYLSVVLNQL CVLHEKTPVS DRVTKCTES LVNRRPCFSA LEVDETYVPK EFNAETTFH ADICTLSEKE RQIKKQ TALV ELVKHKPKAT KEQLKAVMDD FAAFVEKCK ADDKETCF AE EGKKLVAASQ AALGLCDLPQ THSLGSRRTL MLLAQMRRIS LFSCLKDRHD FGFPQEEFGN QFQKAETIPV LHEMIQQIFN LFSTKDSSAA WDETLLDKFY TELYQQLNDL EACVIQGVGV TETPLMKEDS ILAVRKYFQR ITLYLKEKKY SPCAWEVVRA EIMRSFSLST NLQESLRSKE</p>

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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