

Product datasheet for **AR51628PU-S**

IFNG / Interferon gamma (24-161) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	IFNG / Interferon gamma (24-161) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIVQMAE LSPAAGTGKR KRSQMLFRG
Predicted MW:	16.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified Buffer System: Liquid. In PBS buffer (pH 7.4) containing 10% glycerol, 1 mM DTT
Protein Description:	Recombinant human IFNG protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000610
Locus ID:	3458
UniProt ID:	P01579
Cytogenetics:	12q15
Synonyms:	IFN-gamma, gamma IFN
Summary:	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015]



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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Allograft rejection, Cytokine-cytokine receptor interaction, Graft-versus-host disease, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Proteasome, Regulation of autophagy, Systemic lupus erythematosus, T cell receptor signaling pathway, TGF-beta signaling pathway, Type I diabetes mellitus

Product images:

