



IFIT3, 1-490aa, Human, His tag, E.coli

Cat.NO.: TP02566

3th Edition

Synonyms: Interferon-induced protein with tetratricopeptide repeats 3 isoform a, CIG-49, GARG-49, IFI60, IFIT4, IRG2, ISG60, P60, RIG-G

Description: IFIT3 also known as Interferon-induced protein with tetratricopeptide repeats 3 isoform a. IFN-induced antiviral protein which acts as an inhibitor of cellular as well as viral processes, cell migration, proliferation, signaling, and viral replication. IFIT3 is significantly induced upon RNA virus infection. Ectopic expression or knockdown of IFIT3 could, respectively, enhance or impair IRF3-mediated gene expression. Recombinant human IFIT3 was expressed in E.coli and purified by using conventional chromatography techniques

Form: Liquid. In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

Molecular Weight: 58.4kDa (513aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSEVTKNSLEKILPQLKCHFTWNLFKEDSVSRDLEDRVCNQIEFLNTEFKAT
MYNLLAYIKHLDGNNEAALECLRQAEELIQQEHADQAEIRSLVTWGNAYWVYYHLGRLSDAQIYVDKVKQTCKKFS
NPYSIEYSELDC EEGWTQLKCGRNERAKVCFEKALEEKPNNPEFSSGLAIAMYHLDNHPEKQFSTDV LKQAIELSP
DNQYVKVLLGLKLQKMNKEAEGEQFVEEALEKSPCQTDVLRSAKFYRRKGDLDKAIELFQRVLESTPNNGYLYHQ
IGCCYKAKVRQMNTGESEASGNKEMIEALKQYAMDYSNKALEKGLNPLNAYSDLAEFLETECYQTPFNKEVPDA
EKQQSHQRYCNLQKYNGKSEDTAVQHGLEGLSISKKSTDKEEIKDQPQNVSENLLPQNAPNYWYLQGLIHKQNGD
LLQAAKCYEKELGRLLRDAPSGIGSIFLSASELEDGSEEMGQGAVSSSPRELLSNSEQLN

Purity: > 95% by HPLC

Concentration: 1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.