IFI30 (Human) Recombinant Protein

Catalog # P8764 Size 2 x 10 ug

Specification

Product Description	Human IFI30 partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMNAPLVNVTLYYEALCGGCRAFLIRELFPTWLLVMEILNVTL VPYGNAQEQNVSGRWEFKCQHGEEECKFNKVEACVLDELDMELAFLTIVCMEEFEDMERSLPL CLQLYAPGLSPDTIMECAMGDRGMQLMHANAQRTDALQPPHEYVPWVTVNGKPLEDQTQLLTLV CQLYQGK
Host	Escherichia coli
Theoretical MW (kDa)	22.5
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.1 M NaCl, 1 mM DTT.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — IFI30

Entrez GeneID	10437

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Protein Accession#	P13284
Gene Name	IFI30
Gene Alias	GILT, IFI-30, IP30, MGC32056
Gene Description	interferon, gamma-inducible protein 30
Omim ID	604664
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a lysosomal thiol reductase that at low pH can reduce protein disulfide bonds. The enzyme is expressed constitutively in antigen-presenting cells and induced b y gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricte d antigen processing. [provided by RefSeq
Other Designations	gamma-interferon-inducible lysosomal thiol reductase|interferon gamma-inducible protein 30 prep roprotein

Pathway

- Antigen processing and presentation

Disease

- Celiac Disease
- Genetic Predisposition to Disease

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