

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 <i>Escherichia coli</i> .
Sequence	MGSSHHHHHSSGLVPRGSHMGSMNAPLVNVTLYEALCGGCRAFLIRELFPTWLLVMEILNVTLPYGN AQEQNVSGRWEFKCQHGE ECKFNKVEACVLDELDME LAFLTVCMEEFEDMERSLPLCLQLYAPGLSPD TIMECAMGDRGMQLMHANAQR TDALQPPHEYVPWVTVNGKPLEDQTQLLTLVCQLYQ GK
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	22.5
Form	Liquid
Preparation Method	<i>Escherichia coli</i> 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](#)

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 by gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricted antigen processing. [provided by RefSeq]
Other Designations	gamma-interferon-inducible lysosomal thiol reductase interferon gamma-inducible protein 30 prep rotein

Pathway

- [Antigen processing and presentation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)