

## Product datasheet for **AR50577PU-N**

### IFI30 / GILT (58-232, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	IFI30 / GILT (58-232, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSM</u> NAPLVN VTLYYEALCG GCRAFLIREL FPTWLLVMEI LNVTLVPYGN AQEQNVSGRW EFKCQHGEIE CKFNKVEACV LDELDMELAF LTIVCMEEFE DMERSLPLCL QLYAPGLSPD TIMECAMGDR GMQLMHANAQ RTDALQPPHE YVPWVTVNGK PLEDQTQLLT LVCQLYQGK
Tag:	His-tag
Predicted MW:	22.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% Glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human IFI30 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional column chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_006323</u>
Locus ID:	10437
UniProt ID:	<u>P13284</u> , <u>A0A024R7N7</u>
Cytogenetics:	19p13.11
Synonyms:	GILT; IFI-30; IP-30; IP30



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**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, Jul 2008]

**Protein Pathways:**

Antigen processing and presentation

**Product images:**