

## Product datasheet for TP503154

### Ifi30 (NM\_023065) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interferon gamma inducible protein 30 (Ifi30), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203154 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSWSPILPFLSLLLLLFPLEVPRAATASLSQASSEGTTTCKVHDVCLLGPRLPPSPVVRVSLYYESLCG ACRYFLVRDLFPTWLMVMEIMNITLVPYGNAQERNVSGTWEFTCQHGELECRNLNMEACLLDKLEKEAAF LTIVCMEEMDDMEKKGPCQLQVYAPEVSPESIMECATGKRGTLQMHENAQLTDALHPPHEYVPWVLVNEK PLKDPSELLSIVCQLYQGTEKPDICSSIADSPRKVCYK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	27.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_075552</a>
Locus ID:	65972
UniProt ID:	<a href="#">Q9ESY9</a>
RefSeq Size:	997



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**Cytogenetics:** 8 B3.3

**RefSeq ORF:** 747

**Synonyms:** GILT; IP30

**Summary:** Lysosomal thiol reductase that can reduce protein disulfide bonds. May facilitate the complete unfolding of proteins destined for lysosomal degradation. Plays an important role in antigen processing. Facilitates the generation of MHC class II-restricted epitopes from disulfide bond-containing antigen by the endocytic reduction of disulfide bonds. Facilitates also MHC class I-restricted recognition of exogenous antigens containing disulfide bonds by CD8+ T-cells or crosspresentation.[UniProtKB/Swiss-Prot Function]