

Recombinant Human IFI30 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IFI30-755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IFI30 MS Standard C13 and N15-labeled recombinant protein (NP_006323) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	28 kDa
AA Sequence	MTLSPLLLFLPPLLLLLDVPTAAVQASPLQALDFFGNGPPVNYKTGNLYLRGPLKKSNA APLVNVTLYYEALCGGCRAFLIRELFPTWLLVMEILNVTLPYGN AQEQNVSGRWEF KCQHGE EEECKFNKVEACVLDELDME LAFLTIVCMEEFEDMERSLPLCLQLYAPGLSP DTIMECAMGDRGMQLMHANAQR TDALQPPHEYVPWVTVNGKPLEDQTQLLTLCVQ LYQGKKPDVCPSSSTSSLR SVCFKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	IFI30 IFI30 lysosomal thiol reductase [Homo sapiens (human)]
Official Symbol	IFI30
Synonyms	IFI30; interferon, gamma-inducible protein 30; GILT; IP30; IFI-30; gamma-interferon-inducible lysosomal thiol reductase; legumaturain; gamma-interferon-inducible protein IP-30; interferon gamma-inducible protein 30 preproprotein; MGC32056; EC 1.8; Legumaturain
Gene ID	10437
mRNA Refseq	NM_006332
Protein Refseq	NP_006323
MIM	604664
UniProt ID	P13284

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