

Recombinant Human TYK2 protein, Flag-tagged, Biotinylated

Cat. No. TYK2-89H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TYK2, catalytic domain [871-1187(end) amino acids of accession number NP_003322.3] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	871-1187 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	40 kDa
Purity	>80% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	TYK2 tyrosine kinase 2 [Homo sapiens]
Official Symbol	TYK2

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Synonyms	TYK2; tyrosine kinase 2; non-receptor tyrosine-protein kinase TYK2; JTK1;
Gene ID	7297
mRNA Refseq	NM_003331
Protein Refseq	NP_003322
MIM	176941
UniProt ID	P29597
Chromosome Location	19p13.2
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; IL-3 Signaling Pathway, organism-specific biosystem; IL-4 signaling Pathway, organism-specific biosystem;
Function	ATP binding; growth hormone receptor binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein tyrosine kinase activity;