

Recombinant Human TYK2 (JH2 domain, 575-869), N-FLAG-tagged

Cat. No. TYK2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human recombinant TYK2 (Non-receptor tyrosine-protein kinase TYK2), encompassing amino acids 575-869 containing pseudo-kinase domain JH2. This construct contains an N-terminal Flag-tag. The recombinant protein was affinity purified.
Species	Human
Source	Sf9 Cells
ProteinLength	575-869
Description	This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also a component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with Immunodeficiency 35.
Form	Aqueous buffer solution
Molecular Mass	34 kDa
Storage Buffer	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, and 3 mM DTT

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GENE INFORMATION

Gene Name	TYK2 tyrosine kinase 2 [Homo sapiens (human)]
Official Symbol	TYK2
Synonyms	TYK2; tyrosine kinase 2; JTK1; IMD35; non-receptor tyrosine-protein kinase TYK2; EC 2.7.10.2
Gene ID	7297
mRNA Refseq	NM_003331
Protein Refseq	NP_003322
MIM	176941
UniProt ID	P29597

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