

## Recombinant Human TYK2 protein, His&Myc-tagged

Cat. No. TYK2-3640H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TYK2 protein(P29597)(556-871aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	556-871aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	42.6 kDa
<b>AA Sequence</b>	GETSNLIIMRGARASPRTLNLSQLSFHRVDQKEITQLSHLGQGTRTRNVYEGRLRVEG SGDPEEGKMDDDEDPLVPGDRGQELRVVLKVLDP SHHDIALAFYETASLMSQVSHT HLAFVHGVCVRGPENIMVTEYVEHGPLDVWLRRERGHVPMAWKMVVAQQLASALS YLENKNLVHGNVCGRNILLARLGLAEGTSPFIKLSDPGVGLGALSREERVERIPWLAP ECLPGGANSLSTAMDKWGF GATLLEICFDGEAPLQSRSPSEKEHFYQRQHRLPEPS CPQLATLTSQCLTYEPTQRPSFRTILRDLTRLQP
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	TYK2 tyrosine kinase 2 [ Homo sapiens ]
<b>Official Symbol</b>	TYK2
<b>Synonyms</b>	TYK2; tyrosine kinase 2; non-receptor tyrosine-protein kinase TYK2; JTK1;
<b>Gene ID</b>	7297
<b>mRNA Refseq</b>	NM_003331
<b>Protein Refseq</b>	NP_003322
<b>MIM</b>	176941
<b>UniProt ID</b>	P29597

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