

## Recombinant Mouse Tyk2 protein(884-1174aa), His&Myc-tagged

Cat. No. Tyk2-7543M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tyk2 protein(Q9R117)(884-1174aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	884-1174aa
<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>	41.2 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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**AA Sequence**

SDPTVFKRYLKKIRDLDGEGHFGKVSLYCYDPTNDGTGEMVAVKALKEGCGPQLRS  
GWQREIEILRTLYHEHIVKYKGCCEDQGEKSVQLVMEYVPLGSLRDYLPRHCVGLA  
QLLLFAQQICEGMAYLHAQHYIHRDLAARNVLLDNDRLVKIGDFGLAKAVPEGHEY  
RVREDGDSPVFWYAPECLKECKFYASDVWSFGVTLYELLYCDSNQSPHMKFTE  
LIGHTQGQMTVLRLELLERGERLPRPDRCPCEIYHLMKNCWETEASFRPTFQNLVP  
ILQTAQEKYQ

**GENE INFORMATION**

**Gene Name** Tyk2 tyrosine kinase 2 [ *Mus musculus* ]

**Official Symbol** Tyk2

**Synonyms** TYK2; tyrosine kinase 2; non-receptor tyrosine-protein kinase TYK2; tyrosine kinase TYK2; JTK1;

**Gene ID** 54721

**mRNA Refseq** NM\_001205312

**Protein Refseq** NP\_001192241

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