

## Recombinant Mouse Ryk Protein, Myc/DDK-tagged

**Cat. No.** Ryk-5663M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length receptor-like tyrosine kinase (cDNA clone MGC:40871 IMAGE:5370100), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	May be a coreceptor along with FZD8 of Wnt proteins, such as WNT1, WNT3, WNT3A and WNT5A. Involved in neuron differentiation, axon guidance, corpus callosum establishment and neurite outgrowth. In response to WNT3 stimulation, receptor C-terminal cleavage occurs in its transmembrane region and allows the C-terminal intracellular product to translocate from the cytoplasm to the nucleus where it plays a crucial role in neuronal development.
<b>Molecular Mass</b>	73.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Ryk receptor-like tyrosine kinase [ *Mus musculus* (house mouse) ]

**Official Symbol** Ryk

**Synonyms** Ryk; receptor-like tyrosine kinase; V; Vik; ERK-; ERK-3; AW536699; tyrosine-protein kinase RYK; NYK-R; growth factor receptor; kinase VIK; met-related kinase; EC 2.7.10.1

**Gene ID** 20187

**mRNA Refseq** NM\_013649

**Protein Refseq** NP\_038677

**UniProt ID** Q01887

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