

Recombinant Human RYK protein, His-tagged

Cat. No. RYK-3895H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RYK protein(261-610 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	261-610 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	<p> DDSISASSSSQGLSQPSTQTTQYL RADTPN NATPITSS LGYPTLR IEKNDLRSVTLLE AKGKVKDIAISRERITLKDVLQEGTFGRIFHGILIDEKDPNKEKQAFVKT VKDQASEIQ VTMMMLTESCKLRGLHHRNLLPITHVCIEEGEKPMVILPYMNWGNLKLFLRQCKLVEA NNPQAISQQDLVHMAIQIACGMSYLARREVIHKDLAARNVIDDTLQVKITDNALSRD LFPMDYHCLGDNENRPVRWMALESLVNNEFSSASDVWAFGVTLWELMTLGQTPYV DIDPFEMAAYLKDGYRIAQPINCPDELFAVMACCWALDPEERPKFQQLVQCLTEFHA ALGAYV </p>
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[RYK receptor-like tyrosine kinase \[Homo sapiens \]](#)

Official Symbol

[RYK](#)

Synonyms

RYK; receptor-like tyrosine kinase; JTK5A, JTK5A protein tyrosine kinase , RYK receptor like tyrosine kinase; tyrosine-protein kinase RYK; D3S3195; JTK5; RYK1; hydroxyaryl-protein kinase; JTK5A protein tyrosine kinase; RYK receptor-like tyrosine kinase; JTK5A;

Gene ID

[6259](#)

mRNA Refseq

[NM_001005861](#)

Protein Refseq

[NP_001005861](#)

MIM

[600524](#)

UniProt ID

[P34925](#)

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