

Recombinant Mouse Jak1 protein, His-tagged

Cat. No. Jak1-3127M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Jak1 protein(P52332)(848-1152aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	848-1152aa
Form	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.
Molecular Mass	39.1 kDa
AA Sequence	EEQNPDIVSEKQPTTEVDPTHFEKRFLKRIRDLGEGHFGKVELCRYDPEGDNTGEQ VAVKSLKPESGGNHIADLKKEIEILRNLYHENIVKYKGICMEDGGNGIKLIMEFLPSGS LKEYLPKNKNKINLKQQLKYAIQICKGMDYLGSRQYVHRDLAARNVLVESEHQVKIG DFGLTKAIETDKEYYTVKDDRSPVFWYAPECLIQCKFYIASDVWSFGVTLHELLTYC DSDFSPMALFLKMIGPTHGQMTVTRLVKTLKEGKRLPCPPNCPDEVYQLMRKCWEF QPSNRTTFQNLIEGFEALL
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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

Gene Name [Jak1 Janus kinase 1 \[Mus musculus \]](#)

Official Symbol [Jak1](#)

Synonyms JAK1; Janus kinase 1; tyrosine-protein kinase JAK1; JAK-1; AA960307; C130039L05Rik; MGC37919;

Gene ID [16451](#)

mRNA Refseq [NM_146145](#)

Protein Refseq [NP_666257](#)

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