

Recombinant Mouse Jak2 Protein, His-tagged

Cat. No. Jak2-255M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Jak2(Phe120~Ser367) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe120~Ser367
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Gene Name	Jak2 Janus kinase 2 [Mus musculus]
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Official Symbol	Jak2
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Synonyms	JAK2; Janus kinase 2; tyrosine-protein kinase JAK2; JAK-2; Fd17; C81284; AI504024;
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Gene ID	16452
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mRNA Refseq	NM_001048177
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Protein Refseq	NP_001041642
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UniProt ID	Q62120
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