

Recombinant Human JAK2 protein, His/MBP-tagged

Cat. No. JAK2-158H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human JAK2(121-361 aa) fused with His/MBP tag was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 121-361 aa |
| Description | This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis. |
| Form | Liquid in PBS |
| Purity | SDS-PAGE >90% |
| Applications | WB Positive Control |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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GENE INFORMATION

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|------------------------|---|
| Gene Name | JAK2 Janus kinase 2 [Homo sapiens] |
| Official Symbol | JAK2 |
| Synonyms | JAK2; Janus kinase 2; tyrosine-protein kinase JAK2; JTK10; JAK-2; Janus kinase 2 (a protein tyrosine kinase); THCYT3; |
| Gene ID | 3717 |
| mRNA Refseq | NM_004972 |
| Protein Refseq | NP_004963 |
| MIM | 147796 |
| UniProt ID | O60674 |

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