

Recombinant Human JAK2 protein, His-tagged

Cat. No. JAK2-3128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human JAK2 protein(O60674)(752-1132aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	752-1132aa
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	48.6 kDa
AA Sequence	KPLSALDSQRKLQFYEDRHQLPAPKWAELANLINNCMDYEPDFRPSFRAIIRDLNSL FTPDYELLTENDMLPNMRIGALGFSGAFEDRDPTQFEERHLKFLQQLGKGNFGSVE MCRYDPLQDNTGEVVAVKKLQHSTEEHLRDFEREIEILKSLQHDNIVKYKGVCYSAG RRNLKLIMEYLPYGSLRDYLQKHKERIDHIKLLQYTSQICKGMEYLGTKRYIHRDLAT RNILVENENRVKIGDFGLTKVLPQDKEYYKVKKEPGESPIFWYAPESLTESKFVSASDV WSFGVVLIELFTYIEKSKSPPAEFMRMIGNDKQGQMIVFHLLKNNGRRLPRPDGC PDEIYMIMTECWNNNVNQRPSPFRDLALRVDQIRDNMAG
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**

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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