

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	KPLSALDSQRKQLQFYEDRHQLPAPKWAELANLINNCMDYEPDFRPSFRAIIRDLSL FTPDYELLTENDMLPNMRIGALGFSGAFEDRDPTQFEERHLKFLQQLGKGNFGSVE MCRYDPLQDNTGEVVAVKKLQHSTEEHLRDFEREIEILKSLQHDNIVKYKGVCSAG RRNLKLIMEYLPYGSLRDYLQKHKERIDHIKLLQYTSQICKGMEYLGTKRYIHRDLAT RNILVENENRVKIGDFGLTKVLPQDKEYYKVKKEPGESPIFWYAPESLTKFSVASDV WSFGVVLYELFTYIEKSKSPPAEFMRMIGNDKQGQMIVFHLLIELLKNNGRLLPRPDGC PDEIYMIMTECWNNNVNQRPSFRDLALRVDQIRDNMAG
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA