

Recombinant Human JAK1 protein, His-tagged

Cat. No. JAK1-3126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human JAK1 protein(P23458)(850-1154aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	850-1154aa
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	38.9 kDa
AA Sequence	EQNPDIVSEKKPATEVDPPTHFEKRFLKRIRDLGEGHFGKVELCRYDPEGDNTGEQV AVKSLKPESGGNHIADLKKEIEILRNLYHENIVKYKGICTEDGGNGIKLIMEFLPSGSLK EYLPKNKNKINLKQQLKYAVQICKGMDYLGSRQYVHRDLAARNVLVESEHQVKIGDF GLTKAIETDKEYYTVKDDRDSPVFWYAPECLMQSKFYIASDVWSFGVTLLHELLTYCD SDSSPMALFLKMIGPTHGQMTVTRLVNTLKEGKRLPCPPNCPDEVYQLMRKCWEF QPSNRTSFQNLIEGFEALLK
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 [Homo sapiens]
Official Symbol	JAK1
Synonyms	JAK1; Janus kinase 1; JAK1B; tyrosine-protein kinase JAK1; JAK1A; JTK3;
Gene ID	3716
mRNA Refseq	NM_002227
Protein Refseq	NP_002218
MIM	147795
UniProt ID	P23458