

# Recombinant Human JAK1 Protein (850-1154 aa), His-tagged

**Cat. No.** JAK1-1941H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human JAK1 Protein (850-1154 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	850-1154 aa
<b>Description</b>	Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	36.9 kDa
<b>AA Sequence</b>	EQNPDIVSEKKPATEVDPTHFEKRFLKRIRDLGEGHFGKVELCRYDPEGDNTGEQV AVKSLKPESGGNHIADLKKEIEILRNLYHENIVKYKGICTEDGGNGIKLIMEFLPSGSLK EYLPKNKNKINLKQQLKYAVQICKGMDYLGSRQYVHRDLAARNVLVESEHQVKIGDF GLTKAIETDKEYYTVKDDRDSPVFWYAPECLMQSKFYIASDVVWVSGVTLHELLTYCD SDSSPMALFLKMIGPTHGQMTVTRLVNTLKEGKRLPCPPNCPDEVYQLMRKCWEF QPSNRTSFQNLIEGFEALLK
<b>Purity</b>	> 90% as determined by SDS-PAGE.

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

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.

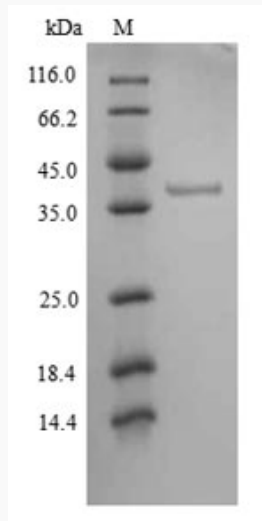
## GENE INFORMATION

<b>Gene Name</b>	JAK1 Janus kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	JAK1
<b>Synonyms</b>	JAK1; Janus kinase 1; JAK1B; JAK1A; JTK3;
<b>Gene ID</b>	3716
<b>mRNA Refseq</b>	NM_002227
<b>Protein Refseq</b>	NP_002218
<b>MIM</b>	147795
<b>UniProt ID</b>	P23458

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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