

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Yeast
ProteinLength	850-1154 aa
Description	Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	36.9 kDa
AA Sequence	EQNPDIVSEKKPATEVDPTHFEKRFLKRIRDLGEGHFGKVELCRYDPEGDNTGEQV AVKSLKPESGGNHIADLKKEIEILRNLYHENIVKYKGICTEDGGNGIKLIMEFLPSGSLK EYLPKNKNKINLKQQLKYAVQICKGMDYLGSRQYVHRDLAARNVLVESEHQVKIGDF GLTKAIETDKEYYTVKDDRDSPVFWYAPECLMQSKFYIASDVWSFGVTLLHELLTYCD SDSSPMALFLKMIGPTHGQMTVTRLVNTLKEGKRLPCPPNCPDEVYQLMRKCWEF QPSNRTSFQNLIEGFEALLK
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

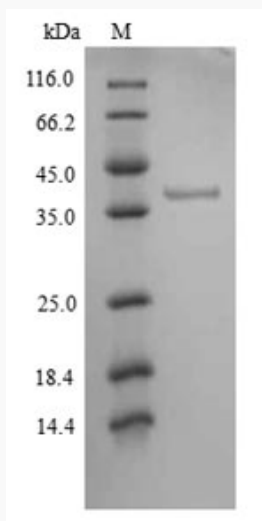
GENE INFORMATION

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

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

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