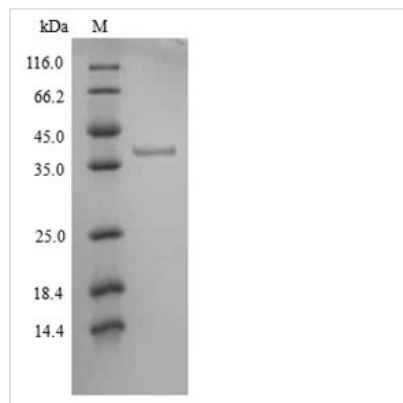




Recombinant Human Tyrosine-protein kinase JAK1 (JAK1), partial

Product Code	CSB-YP011930HU
Relevance	Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.
Abbreviation	Recombinant Human JAK1 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P23458
Alias	Janus kinase 1 Short name: JAK-1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	EQNPDIVSEKKPATEVDPTHFEKRFLKRIRDLGEGHFGKVELCRYDPEGDNTG EQVAVKSLKPESGGNHIADLKKEIEILRNLYHENIVKYKGICTEDGGNGIKLIMEF LPSGSLKEYLPKNKNKINLKQQLKYAVQICKGMDYLGSRQYVHRDLAARNVLV ESEHQVKIGDFGLTKAIETDKEYYTVKDDRDSPVFWYAPECLMQSKFYIASDV WSFGVTLHELLTYCDSOSSPMALFLKMIGPTHGQMTVTRLVNTLKEGKRLPCP PNCPEVYQLMRKCWEFQPSNRTSFQNLIEGFEALLK
Research Area	Cancer
Source	Yeast
Target Names	JAK1
Protein Names	Recommended name: Tyrosine-protein kinase JAK1 EC= 2.7.10.2 Alternative name(s): Janus kinase 1 Short name= JAK-1
Expression Region	850-1154aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	36.9kDa
Protein Length	Partial
Image	



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

Description

Discover the advantages of our premium Recombinant Human JAK1 protein, specifically engineered for researchers focused on cancer studies. This partial Tyrosine-protein kinase JAK1 is produced in a yeast expression system, encompassing the 850-1154aa region of the protein. To facilitate convenient purification and identification, our JAK1 protein is designed with an N-terminal 6xHis tag, ensuring consistent performance and reproducible results throughout your research endeavors.

With a purity greater than 90% as determined by SDS-PAGE, our Recombinant Human JAK1 protein is available in both liquid and lyophilized powder forms. Rely on this exceptional protein to support your cancer research and deliver reliable, high-quality results.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.