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Recombinant Janus Kinase 1 (JAK1)

Catalog Number: SIPC144Hu01 **Spec: 200ug**

Product Name	Recombinant Janus Kinase 1 (JAK1)
Catalog Number	SIPC144Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	His596~Ile841
Tags	N-terminal His Tag
Subcellular Location	Membrane
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.2
Predicted Molecular Mass	31.9kDa
Accurate Molecular Mass	32&26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

HIYSG
TLMDYKDDEG TSEEKKIKVI LKVLDPSHRD ISLAFFEAAS MMRQVSHKHI
VYLYGVCVRD VENIMVEEFV EGGPLDLFMH RKSDVLTTPW KFKVAKQLAS
ALSYLEDKDL VHGNVCTKNL LLAREGIDSE CGPFIKLSDP GIPITVLSRQ
ECIERIPWIA PECVEDSKNL SVAADKWSFG TTLWEICYNG EIPLKDKTLI
EKERFYESRC RPVTPSCKEL ADLMTRCMNY DPNQRPFFRA I

[IDENTIFICATION]

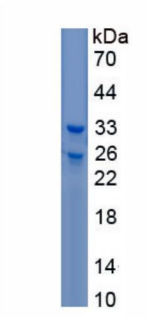


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.