

Janus Kinase 1 (JAK1) Recombinant Protein | JAK1 recombinant protein

Recombinant Janus Kinase 1 (JAK1)

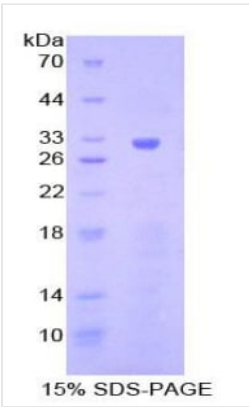
CATALOG # AAA135497	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Janus Kinase 1 (JAK1); Recombinant Janus Kinase 1 (JAK1); JAK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for JAK1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln833-Leu1074
Tags	N-terminal His Tag
Subcellular Location	Exosome
Traits	Freeze-dried powder
Predicted isoelectric point	6.9
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C 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 degree 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

QRPFFRAI MRDINKLEEQ
NPDIVSEKQP TTEVDPTHE KRFKRIIDL GEGHFGKVEL CRYDPEGDNT
GEQVAVKSLK PESGGNHIAI LKKEIETLRN LYHENIVKYK GICMEDGGNG
IKLIMEFLPS GSLKEYLPKN KNKINKQQL KYAIQICKGM DYLGSRQYVH
RDLAARNVLV ESEHQVKIGD FGLTKAIETD KEYYTVKDDR DSPVFHYAPE
CLIQCKFYIA SDVNSFGVTL HELL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708580
NCBI GeneID	16451
UniProt Accession #	P52332; Q62126
Molecular Weight	Predicted Molecular Mass: 31.7kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Tyrosine-protein kinase JAK1
NCBI Official Synonym Full Names	Janus kinase 1
NCBI Official Symbol	Jak1
NCBI Official Synonym Symbols	AA960307; C130039L05Rik
NCBI Protein Information	tyrosine-protein kinase JAK1; JAK-1
UniProt Protein Name	Tyrosine-protein kinase JAK1
UniProt Gene Name	Jak1
UniProt Synonym Gene Names	JAK-1
UniProt Entry Name	JAK1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.