

Insulin (INS) Recombinant Protein | INS recombinant protein

Recombinant Insulin (INS)

CATALOG # AAA148310	REACTIVITY Guinea Pig	APPLICATIONS Western Blot, SDS-Page
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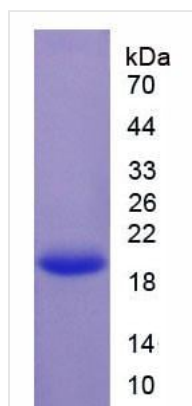
PRODUCT SYNONYMS

Insulin (INS); Recombinant Insulin (INS); INS recombinant protein

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	110
Applicable Applications for INS recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Fragment	Phe25~Asn110
Subcellular Location	Secreted
Isoelectric Point	4.9

IMAGES



Sequence

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FVSRHL CGSNLVETLY SVCQDDGFFY
IPKDRRELD PQVEQTELG M GLGAGGLQPL ALENALQKRG IVDQCCTGTC
TRHQLQSYCN

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SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for INS recombinant protein	Metabolic pathway; Endocrinology; Hormone metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	290542351
NCBI GeneID	100379579
NCBI Accession #	NP_001166362.1
NCBI GenBank Nucleotide #	NM_001172891.1
UniProt Accession #	P01329
Molecular Weight	Predicted Molecular Weight: 23.3kDa Accurate Molecular Weight: 20kDa
NCBI Official Full Name	insulin
NCBI Official Symbol	Ins
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS

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.

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Online datasheet: <https://www.aaabiotech.com/ins-recombinant-protein-wb-western-blot-sds-page-immunogen-positive-control/148310>