

Octamer Binding Transcription Factor 4 (OCT4) Recombinant Protein | OCT4 recombinant protein

Recombinant Octamer Binding Transcription Factor 4 (OCT4)

CATALOG # AAA153346	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Octamer Binding Transcription Factor 4 (OCT4); Recombinant Octamer Binding Transcription Factor 4 (OCT4); Octamer Binding Transcription Factor 4; OCT4 recombinant protein (prokaryotic); Bovine; POU5F1; OCT3; OTF3; OTF4; Octamer-4; POU Domain Class 5 Transcription Factor 1; POU Class 5 Homoeobox 1; Octamer-binding protein 3; OCT4 recombinant protein

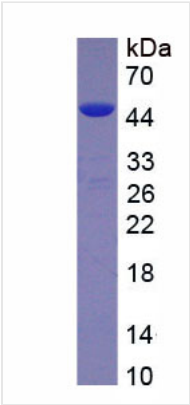
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Asn360
Applicable Applications for OCT4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Bovine
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.7
Subcellular Location	Nucleus, Cytoplasm
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

MAHGLASDFAFSPPPGGGDDGPGGPEGMVDPRTMHSFQCPGGSGIGPOIVPGAEVWGLPCPPPYDLCCGMAYCAPQVGVGVPPG
QLETPQPEGEAGAEVSENEGASPPCAAPAGAPKLKELEWPEESQIDKALQKIDLEAFKLLKQRITLGYTQADVGLTLGLFG
RVFSQTTICRFALQLSFNICKLRPLLDNVEEADNENDECKAETLVQAKNWRITSIEKRVIRGILSHFLQCPMTLQGISHTA
QQLGLEKDVVRVWFENBRQKGRSSSDVSQREDFEAGSFTGGPVSSPLAPGHFGTPOYGGPHFTLLYSSVPPEGEVFPVSVTA
LGSPRHAN

Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for OCT4 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27807049
NCBI GeneID	282316
NCBI Accession #	NP_777005.1
NCBI GenBank Nucleotide #	NM_174580.2
UniProt Accession #	O97552
Molecular Weight	38,289 Da
NCBI Official Full Name	POU domain, class 5, transcription factor 1
NCBI Official Synonym Full Names	POU class 5 homeobox 1<
NCBI Official Symbol	POU5F1
NCBI Official Synonym Symbols	OCT3; OCT4
NCBI Protein Information	POU domain, class 5, transcription factor 1; OTF-3; oct-3; oct-4; octamer-binding protein 3; Octamer-binding transcription factor 3
UniProt Protein Name	POU domain, class 5, transcription factor 1
UniProt Gene Name	POU5F1
UniProt Synonym Gene Names	OCT3; Oct-3; OTF-3
UniProt Entry Name	PO5F1_BOVIN

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://stage.aaabiotech.com/pou5f1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153346>