

Octamer Binding Transcription Factor 4 Recombinant Protein | OCT4 recombinant protein

Recombinant Octamer Binding Transcription Factor 4 (OCT4)

CATALOG # AAA143976	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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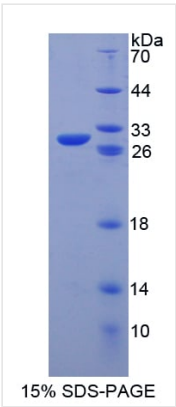
PRODUCT SYNONYMS

Octamer Binding Transcription Factor 4; Recombinant Octamer Binding Transcription Factor 4 (OCT4); OCT4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
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)
Sequence	SQDMKALQKE LEQFAKLLKQ KRITLGYTQA DVGLTLGVLF GKVFSQTTIC RFEALQLSLK NMCKLRPLLE KWVEEADNNE NLQEICKSET LVQARKRKRT SIENRVRWSL ETMFLKCPKP SLQQITHIAN QLGLEKDVVR VWFNRRQKG KRSSIEYSQR EEYEATGTPF PGGAVSFPLP PGPHFGTPGY GSPHFTTLYS VPFPEGEAFP SVPVTALGSP MHSN
Applicable Applications for OCT4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Ser129~Asn352
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.4
Usage	Reconstitute in ddH ₂ O to a concentration of 0-0.5 mg/mL. Do not vortex.
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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	124295259
NCBI GeneID	100101567
Molecular Weight	Predicted Molecular Mass: 29.2kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	octamer binding transcription factor 4
NCBI Official Symbol	POU5F1
NCBI Official Synonym Symbols	OCT3; OCT4; OTF3; OTF4
NCBI Protein Information	POU domain, class 5, transcription factor 1
UniProt Protein Name	POU domain protein
UniProt Gene Name	POU5F1
UniProt Entry Name	A2ICN2_RABIT

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/143976>