Recombinant Human POU3F2 protein, Arginine-tagged

Cat. No. POU3F2-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human POU3F2 protein fused with 11 arginine domain at C-terminal, which will efficiently deliver protein intracellularly, was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	GEFATAASNHYSLLTSSASIVHAEPPGGMQQGAGGY REAHSLVQGDYGALHSNGH PLSHAHQWITALSHGGGDGSPWSTSPLGQPDIKPSVVVQQGGRG DELHGPGALQ QQHQQQQQQQQQQQQQQQQQQQQQRPPHLVHHAANHHPGPGAWRSAAAAAH LP PSMGASNGGLLYSQPSFTVNGMLGAGGQPAGLHHHGLRDAHDEPHHADHHPH PHSHPHQQPPP PPPPQGPPGHPGAHHDPHSDEDTPTSDDLEQFAKQFKQRRIKLG FTQADVGLALGTLYGNVFS QTTICRFEALQLSFKNMCKLKPLLNKWLEEADSSSGS PTSIDKIAAQGRKRKKRTSIEVSVKG ALESHFLKCPKPSAQEITSLADSLQLEKEVVR VWFCNRRQKEKRMTPPGGTLPGAEDVYGGSR DTPPHHGVQTPVQLEESGGGGS PGRRRRRRRRRRR
Purity	>90% by SDS-PAGE
Applications	1. Protein transduction for study of Neuronal cell trans-differentiation in vitro.2. Active recombinant protein, may be used for ELISA based DNA/Protein binding assay.3. As specific protein substrate for kinase assay.4. Immunogen for specific antibody

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	production.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name	POU3F2 POU class 3 homeobox 2 [Homo sapiens]
Official Symbol	POU3F2
Synonyms	POU3F2; POU class 3 homeobox 2; BRN2; OCT7; POUF3; brain-2; OTF7; OTF-7; brn-2; oct-7; N-Oct3;
Gene ID	5454
mRNA Refseq	NM_005604
Protein Refseq	NP_005595
MIM	600494
UniProt ID	P20265
Chromosome Location	6q16.2
Pathway	SIDS Susceptibility Pathways, organism-specific biosystem;
Function	RNA polymerase II transcription coactivator activity; identical protein binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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