

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	GEFATAASNHYSLTSSASIVHAEPGGMQQGAGGY REAHSVLVQGDY GALHSNGH PLSHAHQWITALSHGGGDGSPWSTSP LGQPDIKPSVVVQQGGRG DELHGPGALQ QQHQQQQQQQQQQQQQQQQQQQQQQ RPPHLVHHAANHHPGPGAWRSAAAAAH LP PSMGASNGGLLYSQPSFTVNGMLGAGGQPAGLHHHGLRDAHDEPHHADHHPH PHSHPHQQPPP PPPPQGPPGHPGAHHDPHSDEDTPTSDDLQFAKQFKQRRIKLG FTQADVGLALGTLYGNVFS QTTICRFEALQLSFKNMCKLKPLL NKWLEEADSSSGS PTSIDKIAAQGRKRKRKRTSIEVSVKG ALESHFLKCPKPSAQEITSLADSLQLEKEVVR VWFCNRRQKEKRMTPPGGTLP GAEDVYGGSR DTPPHHGVQTPVQLEESGGGGS PGRRRRRRRRRRRR
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA