

Recombinant Human POU5F1B Protein, MYC/DDK-tagged

Cat. No. POU5F1B-2603H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POU5F1B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This intronless gene was thought to be a transcribed pseudogene of POU class 5 homeobox 1, however, it has been reported that this gene can encode a functional protein. The encoded protein is nearly the same length as and highly similar to the POU class 5 homeobox 1 transcription factor, has been shown to be a weak transcriptional activator and may play a role in carcinogenesis and eye development.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	POU5F1B POU class 5 homeobox 1B [Homo sapiens]
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 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

Official Symbol	POU5F1B
Synonyms	OCT4-PG1; OCT4PG1; OTF3C; OTF3P1; POU5F1P1; POU5F1P4; POU5FLC20; POU5FLC8
Gene ID	5462
mRNA Refseq	NM_001159542
Protein Refseq	NP_001153014
UniProt ID	Q06416

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