

Recombinant Full Length Human POU3F2 Protein, C-Flag-tagged

Cat. No. POU3F2-2189HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human POU3F2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the POU-III class of neural transcription factors. The encoded protein is involved in neuronal differentiation and enhances the activation of corticotropin-releasing hormone regulated genes. Overexpression of this protein is associated with an increase in the proliferation of melanoma cells.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.7 kDa
AA Sequence	MATAASNHYSLTSSASIVHAEPGGMQQGAGGYREAQSLVQGDY GALQSN GHPL SHAHQWITALSHGGG GGGGGGGGGGGGGGGGGGGG DGPWST SPLGQP DIKPSV VVQQGGRGDELHGP GALQQQHQQQQQQQQQQQQ QQQQQQQQQRPPHLVHHA ANHHPGPGAWRSAAAAAHLPPSMGASNGLLYSQPSFTVNGMLGAGGQPAGL H HHGLRDAHDEPHHADHHPHPHSHPHQPPPPPPPPQPPGHPGAHHDPHSDEDTP TSDDLEQFAKQFKQR RIKLGFTQADVGLALGTLYGNVFSQTTICRFEALQLSFKNMC KLKPLL NKWLEEADSSSGSPTSIDKIAA QGRKRKKRTSIEVSVKGALESHFLKCPKP SAQEITSLADSLQLEKEVVRVWFCNRRQKEKRMTPPGGTLP GAEDVYGGSRDTPP

 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

	HHGVQTPVQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	POU3F2 POU class 3 homeobox 2 [Homo sapiens (human)]
Official Symbol	POU3F2
Synonyms	BRN2; OCT7; OTF7; OTF-7; POUF3; brn-2; oct-7; N-Oct3
Gene ID	5454
mRNA Refseq	NM_005604.4
Protein Refseq	NP_005595.2

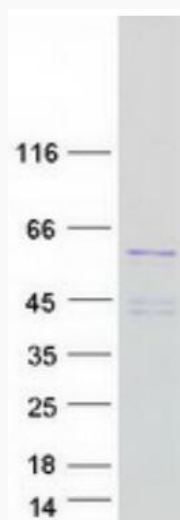
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MIM 600494

UniProt ID P20265



Coomassie blue staining of purified POU3F2 protein.

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