

Product datasheet for **TP305330M**

POU3F2 (NM_005604) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human POU class 3 homeobox 2 (POU3F2), 100 µg

Species: Human

Expression HEK293T

Host:

Expression >RC205330 representing NM_005604

cDNA Clone or Red=Cloning site Green=Tags(s)

AA Sequence:

MATAASNHYSLTSSASIVHAEPGGMQQGAGGYREAQSLVQGDYDALQSNGHPLSHAHQWITALSHGGG
GGGGGGGGGGGGGGGGGGGGDGPWSTSPGQPDIKPSVWVQQGGRGDELHGPALQQHQQQQQQQQQQQ
QQQQQQQQQRPPHLVHHAANHHPGPGAWRSAAAAAHLPPSMGASNGLLYSQPSFTVNGMLGAGGQPAGL
HHHGLRDAHDEPHHADHHPHSHPHQPPPPPPPPQPPGHPGAHHDPHSDEDTPTSDDLEQFAKQFKQR
RIKLGFTQADVGLALGTLYGNVFSQTTICRFEALQLSFKNMCKLKPLLKNWLEEADSSSGSPTSIDKIAA
QGRKRKRKRTSIEVSVKGALESHFLKCPKPSAQEITSLADSLQLEKEVVRVWFNRRQKEKRMTPPGGTLP
GAEDVYGGSRDTPPHHGVTQTPVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 46.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_005595](#)

Locus ID: 5454

UniProt ID: [P20265](#)

RefSeq Size: 4172

Cytogenetics: 6q16.1

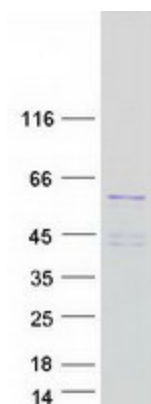
RefSeq ORF: 1329

Synonyms: brn-2; BRN2; N-Oct3; oct-7; OCT7; OTF-7; OTF7; POUF3

Summary: 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. [provided by RefSeq, Mar 2012]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified POU3F2 protein (Cat# [TP305330]). The protein was produced from HEK293T cells transfected with POU3F2 cDNA clone (Cat# [RC205330]) using MegaTran 2.0 (Cat# [TT210002]).