

Product datasheet for PH305330

POU3F2 (NM_005604) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POU3F2 MS Standard C13 and N15-labeled recombinant protein (NP_005595)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205330
Predicted MW:	46.7 kDa
Protein Sequence:	>RC205330 representing NM_005604 Red=Cloning site Green=Tags(s)

MATAASNHYSLLTSSASIVHAEPGGMQQGAGGYREAQSLVQGDYDALQSNHGPHLSHAHQWITALSHGGG
GGGGGGGGGGGGGGGGGGGGGSPWSTSP LGQPDIKPSVVVQGGRGDELHGP GALQQHQQQQQQQQQQQ
QQQQQQQQRPPHLVHHAANHHPGPAWRSAAAAAHLPPSMGASNGLLYSQPSFTVNGMLGAGGQPAGL
HHHGLRDAHDEPHHADHHPHSHPHQPPPPPPQGGPHGPAHHPHSDPTSDDELEQFAKQFKQR
RIKLGFTQADVGLALGTLYGNVFSQTTICRFEALQLSFKNMCKLKPLLNKWL E EADSSSGSPTSIDKIAA
QGRKRKRRTSIEVSVKGALESHFLKCPKPSAQEITSLADSLQLEKEVVRVWFCNRRQKEKRMTPGGTLP
GAEDVYGGSRDTPPHHGVTQTPVQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005595</u>
RefSeq Size:	4172
RefSeq ORF:	1329
Synonyms:	brn-2; BRN2; N-Oct3; oct-7; OCT7; OTF-7; OTF7; POUF3



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Locus ID: 5454

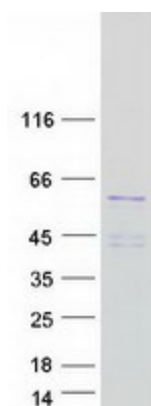
UniProt ID: [P20265](#)

Cytogenetics: 6q16.1

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]).