

Product datasheet for PH316284

BRN3A (POU4F1) (NM_006237) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | POU4F1 MS Standard C13 and N15-labeled recombinant protein (NP_006228) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC216284 |
| Predicted MW: | 42.5 kDa |
| Protein Sequence: | >RC216284 representing NM_006237 Red=Cloning site Green=Tags(s) |

MMSMNSKQPHFAMHPTLPEHKYPSLHSSSEAIRRACLPTPPLQSNLFASLDETLARAEALAAVDIAVSQ
GKSHPFKPDATYHTMNSVPCTSTSTVPLAHHHHHHHHQALEPGDLLDHISSPSLALMAGAGGAGAAAGG
GGAHDGPGGGGGPGGGGGPGGGGGGGGGGGGGGGGLLGGSAHPHPMHSLGHL SHPAAAAAMNM
PSGLPHPLVAAAHHGAAAAAAGQVAAASAAA VVGAAGLASICSDTDPRELEAF AERFKQRR I
KLGVTQADVGSALANLKIPGVGSLSQSTICRFESLTL SHNMIALKPILQAWLEEAEQAQREKMNKPELF
NGGEKKRKRRTSIAAPEKRSLEAYFAVQPRPSSEKIAAIAEKLDLKKNVVRVWFCNQKQKRMKFSATY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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|------------------|--|
| 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_006228</u> |
| RefSeq Size: | 3824 |
| RefSeq ORF: | 1257 |
| Synonyms: | ATITHS; brn-3A; BRN3A; Oct-T1; RDC-1 |
| Locus ID: | 5457 |



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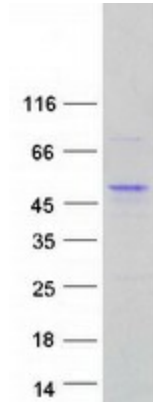
UniProt ID: [Q01851](#)

Cytogenetics: 13q31.1

Summary: This gene encodes a member of the POU-IV class of neural transcription factors. This protein is expressed in a subset of retinal ganglion cells and may be involved in the developing sensory nervous system. This protein may also promote the growth of cervical tumors. A translocation of this gene is associated with some adult acute myeloid leukemias. [provided by RefSeq, Mar 2012]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified POU4F1 protein (Cat# [TP316284]). The protein was produced from HEK293T cells transfected with POU4F1 cDNA clone (Cat# [RC216284]) using MegaTran 2.0 (Cat# [TT210002]).