

Product datasheet for **TP316284M**

BRN3A (POU4F1) (NM_006237) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human POU class 4 homeobox 1 (POU4F1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC216284 representing NM_006237

AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MMSMNSKQPHFAMHPTLPEHKYPSLHSSSEAIRRACLTPPLQSNL FASLDETL LARA EALAAVDIAVSQ
GKSHPFKPDATYHTMNSVPCTSTSTVPLAHHHHHHHHHQALEPGDLLDHISPSLALMAGAGGAGAAAGG
GGAHDGPGGGGGPGGGGGPGGGGGGGGGGGGGGGGGGGGGGGLLGGSAHPHPMHSLGHLSPAAAAAMNM
PSGLPHPLVAAAAHHGAAAAAAAAAAGQVAAASAAAVVGAAGLASICSDTDPRELEAFAERFKQRRR
KLGVTQADVGSALANLKIPGVGSLSQSTICRFESLTLSHNNMIALKPILQAWLEEAEGAQREKMNKPELF
NGGEKKRKRTSIAAPEKRSLEAYFAVQPRPSSEKIAAIAEKLDLKNVVRVWFCNQRQKQKRMKFSATY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 42.5 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.

RefSeq: [NP_006228](#)



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Locus ID: 5457

UniProt ID: [Q01851](#)

RefSeq Size: 3824

Cytogenetics: 13q31.1

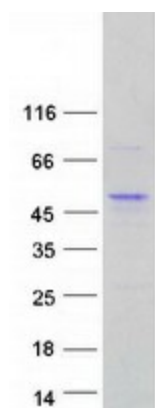
RefSeq ORF: 1257

Synonyms: ATITHS; brn-3A; BRN3A; Oct-T1; RDC-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]).