

Product datasheet for TP315962

POU4F2 (NM_004575) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens POU class 4 homeobox 2 (POU4F2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215962 representing NM_004575 Red=Cloning site Green=Tags(s) <pre> MMMMSLNSKQAFSMPHGGSLHVEPKYSALHSTSPGSSAPIAPSASSPSSSSNAGGGGGGGGGGGGGGGGGGR SSSSSSSGSSGGGSEAMRRACLTPPSNIFGGLDESLARAEALAAVDIVSQSKSHHHPPHHSFPKPD ATYHTMNTIPCTSAASSSSVPISHPCALAGTHHHHHHHHHHHHHQPHQALEGELLEHLSPGLALGAMAGPD GAVVSTPAHAPHMATMNPMPHQAALSMHAHGLPSHMGCMSDVDADPRDLEAFAERFKQRRIKLGVTQADV GSALANLKIPGVGSLSQSTICRFESLTLSHNNMIALKPILQAWLEEAEKSHREKLTKPELFNGAEKKRKR TSIAAPEKRSLEAYFAIQPRPSSSEKIAAIAEKLDLKKNVWRVWFCNQRQKQKRMKYSAGI TRTRPLEQKLISEEDLAANDILDYKDDDDKV </pre>
Tag:	C-Myc/DDK
Predicted MW:	42.9 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_004566
Locus ID:	5458



[View online »](#)

UniProt ID: [Q12837](#)

RefSeq Size: 3110

Cytogenetics: 4q31.22

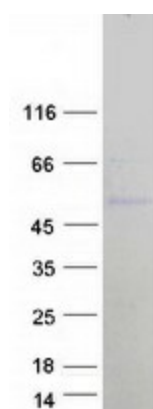
RefSeq ORF: 1230

Synonyms: Brn-3b; BRN3.2; BRN3B

Summary: The protein encoded by this gene is a member of the POU-domain transcription factor family and may be involved in maintaining visual system neurons in the retina. The level of the encoded protein is also elevated in a majority of breast cancers, resulting in accelerated tumor growth. [provided by RefSeq, Sep 2011]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified POU4F2 protein (Cat# TP315962). The protein was produced from HEK293T cells transfected with POU4F2 cDNA clone (Cat# [RC215962]) using MegaTran 2.0 (Cat# [TT210002]).