

## Product datasheet for TP315962L

### 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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215962 representing NM_004575 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MMMMSLNSKQAFSMPHGGSLHVEPKYSALHSTSPGSSAPIAPSASSPSSSSNAGGGGGGGGGGGGGGGGGGR SSSSSSSGSSGGGSEAMRRACLTPPSNIFGGLDESLARAEALAAVDIVSQSKSHHHPPHHSFPKPD ATYHTMNTIPCTSAASSSSVPISHPCALAGTHHHHHHHHHHHHHQPHQALEGELLEHLSPGLALGAMAGPD GAVVSTPAHAPHMATMNPMPHQAALSMHAHGLPSHMGCMSDVDADPRDLEAFAERFKQRRIKLGVTQADV GSALANLKIPGVGSLSQSTICRFESLTLSHNNMIALKPILQAWLEEAEKSHREKLTKPELFNGAEKKRKR TSIAAPEKRSLEAYFAIQPRPSSSEKIAAIAEKLDLKKNVVRVWFCNQRQKQKRMKYSAGI</p> <p><b>TR</b>TRPLE<b>QKLISEEDLAANDILDYKDDDDK</b>V</p>
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:	<a href="#">NP_004566</a>
Locus ID:	5458



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UniProt ID: [Q12837](#)

RefSeq Size: 3110

Cytogenetics: 4q31.22

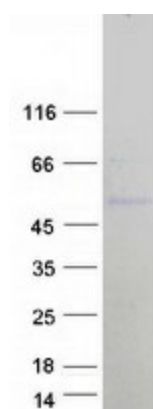
RefSeq ORF: 1230

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]).