

Product datasheet for PH315962

POU4F2 (NM_004575) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POU4F2 MS Standard C13 and N15-labeled recombinant protein (NP_004566)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215962
Predicted MW:	42.9 kDa
Protein Sequence:	>RC215962 representing NM_004575 Red=Cloning site Green=Tags(s)

MMMSLNSKQAFSMPHGGSLHVEPKYSALHSTSPGSSAPIAPSASSPSSSNAGGGGGGGGGGGGGGR
SSSSSSSGSSGGGSEAMRRACLPTPPSNIFGGLDESLARAEALAAVDIVSQSKSHHHPPHSPFKPD
ATYHTMNTIPCTSAASSSSVPI SHPCALAGTHHHHHHHHHHHQPHQALEGELLEHLSPGLALGAMAGPD
GAVVSTPAHAPHMATMNP HQAAL SMAHAHGLPSHMGCMSD V DADPRDLEAFAERFKQRRIKLGVTQADV
GSALANLKI PGVGSLSQSTICRFESLTL SHNMIALKPI LQAWLEEA EKSHREKLTKPELFNGAEKRRKR
TSIAAPEKRSLEAYFAIQPPSSEKIAAIAEKLDLKNVVRVWFCNQRQKQKRMKYSAGI

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- 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_004566</u>
RefSeq Size:	3110
RefSeq ORF:	1230
Synonyms:	Brn-3b; BRN3.2; BRN3B
Locus ID:	5458



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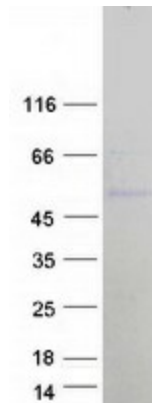
UniProt ID: [Q12837](#)

Cytogenetics: 4q31.22

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]).