

Recombinant Human POU4F2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. POU4F2-409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POU4F2 MS Standard C13 and N15-labeled recombinant protein (NP_004566) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	42.9 kDa
AA Sequence	MMMSLNSKQAFSMPHGGSLHVEPKYSALHSTSPGSSAPIAPSASSPSSSSNAGG GGGGGGGGGGGGGGRRSSSSSSSGSSGGGGSEAMRRACLPPTPSNIFGGLDESL ARAEALAAVDIVSQSKSHHHHPHHSFPKPDATYHTMNTIPCTSAASSSSVPISHPC ALAGTHHHHHHHHHHHQPHQALEGELLEHLSPGLALGAMAGPDGAVVSTPAHAP HMATMNPMPHQAALSMHAHGLPSHMGCMSDVDADPRDLEAFAERFKQRRIKLGVT QADVGSALANLKIPGVGSLSQSTICRFESLTLSHNNMIALKPILQAWLEEAESHREK LTKPELFNGAEKKRKRTSIAAPEKRSLEAYFAIQPRPSSEKIAAIAEKLDLKKNVVRVW FCNQRQKQKRMKYSAGITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

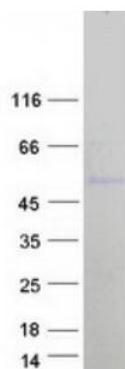
GENE INFORMATION

Gene Name	POU4F2 POU class 4 homeobox 2 [Homo sapiens (human)]
Official Symbol	POU4F2
Synonyms	POU4F2; POU class 4 homeobox 2; BRN3B, POU domain class 4, transcription factor 2, POU domain, class 4, transcription factor 2; POU domain, class 4, transcription factor 2; Brn 3b; brain-3B; POU domain protein; Brn3b POU domain transcription factor; POU domain class 4 transcription factor 2; brain-specific homeobox/POU domain protein 3B; BRN3B; BRN3.2; Brn-3b;
Gene ID	5458
mRNA Refseq	NM_004575
Protein Refseq	NP_004566
MIM	113725
UniProt ID	Q12837

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SDS-PAGE

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