

## Product datasheet for PH300876

### OBFC2B (NABP2) (NM\_024068) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	OBFC2B MS Standard C13 and N15-labeled recombinant protein (NP_076973)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200876
Predicted MW:	22.3 kDa
Protein Sequence:	>RC200876 protein sequence Red=Cloning site Green=Tags(s)  MTTETFVKDIKPLKLNLIIFIVLETGRVTKTKDGHEVRTCKVADKTGSINISVWDDVGNLIQPGDIIRL TKGYASVFKGCLTYTGRGGDLQKIGEFMVEVPNFSEPNPEYSTQQAPNKAVQNSNPSASQPTTGP SAASPASENQNGNLSAPPGGGPHPPHTPSHPPSTRITRSQPNHTPAGPPGSSNPVSNKETRSSK R  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_076973</a>
RefSeq Size:	1404
RefSeq ORF:	633
Synonyms:	hSSB1; OBFC2B; SOSS-B1; SSB1
Locus ID:	79035
UniProt ID:	<a href="#">Q9BQ15</a> , <a href="#">A0A024RB89</a>

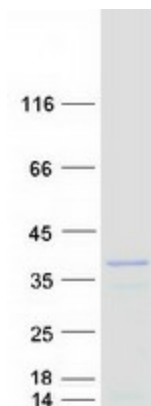


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Cytogenetics: 12q13.3

**Summary:** Single-stranded DNA (ssDNA)-binding proteins, such as OBFC2B, are ubiquitous and essential for a variety of DNA metabolic processes, including replication, recombination, and detection and repair of damage (Richard et al., 2008 [PubMed 18449195]).[supplied by OMIM, Jun 2008]

**Product images:**



Coomassie blue staining of purified NABP2 protein (Cat# [TP300876]). The protein was produced from HEK293T cells transfected with NABP2 cDNA clone (Cat# [RC200876]) using MegaTran 2.0 (Cat# [TT210002]).