

## Product datasheet for **TP300778L**

### OBFC1 (STN1) (NM\_024928) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human oligonucleotide/oligosaccharide-binding fold containing 1 (OBFC1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200778 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MQPGSSRCEEETPSLLWGLDPVFLAFKLYIRDILDMKESRQVPGVFLYNGHPIKQVDVLGTVIGVRERD AFYSYGVDDSTGVINCICWKKLNTEVSVAAPSAARELSLTSQLKKLQETIEQTKIEIGDITIRVRSIRT YREEREIHATAYYK/DDPVWNIQIARMLELPTIYRKVYDQPFHSSALEKEEALSNGALDLPSTLSLSE KAKEFLMENRVQSFYQQELEMVESLLSLANQPVIHSACSDQVNFKDDTTSKAIHSIFKNAIQLLQEKGLV FQKDDGFDNLYYVTREDKDLHRKIHRIIQQDCQKPNHMEKGCHFLHILACARLSIRPGLSEAVLQQVLEL LEDQSDIVSTMEHYTAF</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	41.9 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_079204</a>

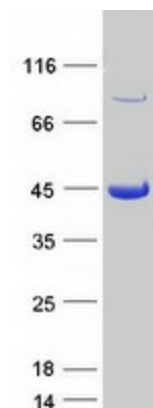


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Locus ID: 79991  
UniProt ID: [Q9H668](#)  
RefSeq Size: 6483  
Cytogenetics: 10q24.33  
RefSeq ORF: 1104  
Synonyms: AAF-44; AAF44; bA541N10.2; OBFC1; RPA-32

**Summary:** OBFC1 and C17ORF68 (MIM 613129) are subunits of an alpha accessory factor (AAF) that stimulates the activity of DNA polymerase-alpha-primase (see MIM 176636), the enzyme that initiates DNA replication (Casteel et al., 2009 [PubMed 19119139]). OBFC1 also appears to function in a telomere-associated complex with C17ORF68 and TEN1 (C17ORF106; MIM 613130) (Miyake et al., 2009 [PubMed 19854130]).[supplied by OMIM, Nov 2009]

### Product images:



Coomassie blue staining of purified STN1 protein (Cat# [TP300778]). The protein was produced from HEK293T cells transfected with STN1 cDNA clone (Cat# [RC200778]) using MegaTran 2.0 (Cat# [TT210002]).