

Product datasheet for **TP300778**

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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200778 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQPGSSRCEEETPSLLWGLDPVFLAFKLYIRDILDMKESRQVPGVFLYNGHPIKQVDVLGTVIGVRERD AFYSYGVDDSTGVINCICWKKLNTEVSVAAPSAARELSLTSQLKKLQETIEQTKIEIGDITIRVRSIRT YREEREIHATAYYK/DDPVWNIQIARMLELPTIYRKVYDQPFHSSALEKEEALSNGALDLPSTLSLSE KAKEFLMENRVQSFYQQELEMVESLLSLANQPVIHSACSDQVNFKKDTTSKAIHSIFKNAIQLLQEKGLV FQKDDGFDNLYYVTREDKDLHRKIHRIIQQDCQKPNHMEKGCHFLHILACARLSIRPGLSEAVLQQVLEL LEDQSDIVSTMEHYTAF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</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:	NP_079204

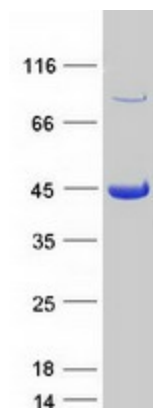


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Locus ID: 79991
UniProt ID: [Q9H668](#)
RefSeq Size: 6483
Cytogenetics: 10q24.33
RefSeq ORF: 1104
Synonyms: AAF-44; AAF44; bA541N10.2; OBFC1; RPA-32

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]).