

Product datasheet for **AR50759PU-S**

OBFC1 (1-368, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	OBFC1 (1-368, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMQPGSSR CEEETPSLLW GLDPVFLAFA KLYIRDILDM KESRQVPGVF LYNHGPIKQV DVLGTVIGVR ERDAFYSGV DDSTGVINCI CWKKLNTESV SAAPSAAREL SLTSQLKKLQ ETIEQTKIE IGDTIRVRGS IRTYREEREI HATAYYKVDD PWNIIQIARM LELPTIYRKV YDQPFHSSAL EKEEALSNGP ALDPLSLTSL LSEKAKEFLM ENRVQSFYQQ ELEMVESLLS LANQPVIHSA CSDQVNFKKD TTSKAIHSIF KNAIQLLQEK GLVFQKDDGF DNLYVVTRED KDLHRKIHR IQQDCQKPNH MEKGCHFLHI LACARLSIRP GLSEAVLQQV LELLEDQSDI VSTMEHYTYA F
Tag:	His-tag
Predicted MW:	44.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human OBFC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_079204
Locus ID:	79991
UniProt ID:	Q9H668



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Cytogenetics: 10q24.33

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:

