

## Product datasheet for AR50759PU-N

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

**Product data:** 

**Product Type: Recombinant Proteins** 

**Description:** OBFC1 (1-368, His-tag) human recombinant protein, 0.25 mg

Species: Human E. coli **Expression Host:** 

**Expression cDNA Clone** 

MGSSHHHHHH SSGLVPRGSH MGSMQPGSSR CEEETPSLLW GLDPVFLAFA KLYIRDILDM or AA Sequence: KESRQVPGVF LYNGHPIKQV DVLGTVIGVR ERDAFYSYGV DDSTGVINCI CWKKLNTESV

> SAAPSAAREL SLTSQLKKLQ ETIEQKTKIE IGDTIRVRGS IRTYREEREI HATAYYKVDD PVWNIQIARM LELPTIYRKV YDQPFHSSAL EKEEALSNPG ALDLPSLTSL LSEKAKEFLM ENRVQSFYQQ ELEMVESLLS

LANQPVIHSA CSDQVNFKKD TTSKAIHSIF KNAIQLLQEK GLVFQKDDGF DNLYYVTRED KDLHRKIHRI IQQDCQKPNH MEKGCHFLHI LACARLSIRP GLSEAVLQQV LELLEDQSDI

VSTMEHYYTA 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

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.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid Storage:

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 079204

Locus ID: 79991

UniProt ID: Q9H668





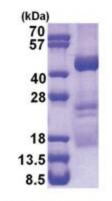
Cytogenetics: 10q24.33

**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:**



15% SDS-PAGE (3ug)