

Product datasheet

Recombinant Human OBFC1 protein ab139780

1 Image

Description

Product name	Recombinant Human OBFC1 protein
Purity	> 85 % SDS-PAGE. ab139780 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9H668
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMQPGSSR CEEETPSLLW GLDPVFLAFA KLYIRDILDM KESRQVPGVF LYNGHPIKQV DVLGTVIGVR ERDAFYSGV DDSTGVINCI CWKKLNTESV SAAPSAAREL SLTSQLKKLQ ETIEQTKIE IGD TIRVRGS IRTYREEREI HATAYYK VDD PVWNIQIARM LELPTIYRKV YDQPFHSSAL EKEEALSNPG ALDLPSLTSL LSEKAKEFLM ENRVQSFYQQ ELEMVESLLS LANQPVIIHSA CSDQVNFKKD TTSKAIHSIF KNAIQLLQEK GLVFQKDDGF DNLYYVTRED KDLHRKI HRI IQQDCQKPNH MEKGCHFLHI LACARLSIRP GLSEAVLQQV LELLEDQSDI VSTMEHYTTA F</p>
Predicted molecular weight	45 kDa including tags
Amino acids	1 to 368
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab139780** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

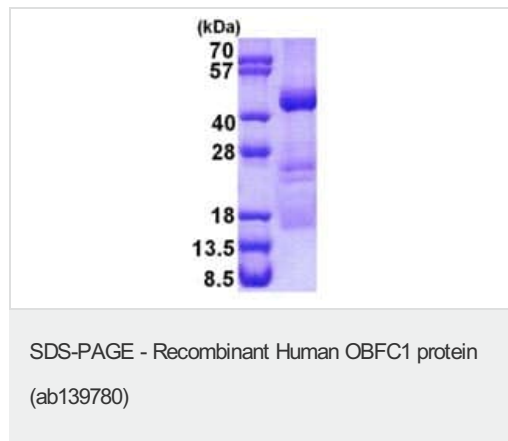
General Info

Function Component of the CST complex, a complex that binds to single-stranded DNA and is required to protect telomeres from DNA degradation. The CST complex binds single-stranded DNA with high affinity in a sequence-independent manner, while isolated subunits bind DNA with low affinity by themselves. In addition to telomere protection, the CST complex has probably a more general role in DNA metabolism at non-telomeric sites.

Sequence similarities Belongs to the STN1 family.
Contains 1 OB DNA-binding domain.

Cellular localization Nucleus. Chromosome > telomere.

Images



15% SDS-PAGE analysis of ab139780 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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