

Datasheet for ABIN1047753

BTF3 Protein (AA 48-206, partial) (GST tag)



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1 Image

2 Publications

Overview

Quantity:	100 µg
Target:	BTF3
Protein Characteristics:	AA 48-206, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTF3 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	TIMNQEKLAK LQAQVRIGGK GTARRKKKVV HRTATADDDK LQFSLKKLGV NNISGIEEVN MFTNQGTVIH FNNPKVQASL AANTFTITGH AETKQLTEML PSILNQLGAD SLTSLRRRLAE ALPKQSVDDGK APLATGEDDD DEVPDLVENF DEASKNEAN
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	BTF3
Alternative Name:	Transcription factor BTF3 protein (BTF3 Products)
Background:	General transcription factor. BTF3 can form a stable complex with RNA polymerase II. Required

Target Details

for the initiation of transcription.

Molecular Weight: 44.7 kD

UniProt: [P20290](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

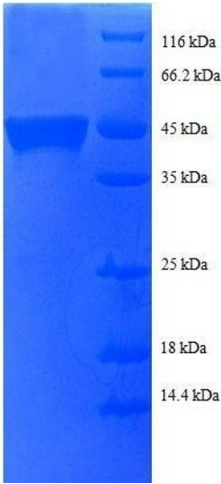
Storage: -20 °C

Storage Comment: Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in: Kanno, Chalut, Egly: "Genomic structure of the putative BTF3 transcription factor." in: **Gene**, Vol. 117, Issue 2, pp. 219-28, (1992) ([PubMed](#)).

Zheng, Black, Chambon, Egly: "Sequencing and expression of complementary DNA for the general transcription factor BTF3." in: **Nature**, Vol. 344, Issue 6266, pp. 556-9, (1990) ([PubMed](#)).



SDS-PAGE

Image 1. Basic Transcription Factor 3 (BTF3) (AA 48-206), (partial) protein (GST tag)