Datasheet for ABIN7590996

BCMO1 Protein (AA 1-566) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	BCMO1
Protein Characteristics:	AA 1-566
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCMO1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEIIFGRNKK EQLEPLRATV TGSIPAWLQG TLLRNGPGMH TVGDSKYNHW FDGLALLHSF SIRDGEVFYR SKYLQSDTYN ANIEANRIVV SEFGTMAYPD PCKNIFSKAF SYLSHTIPDF TDNCLINIMK CGEDFYATTE TNYIRKIDPQ TLETLEKVDY RKYVAVNLAT SHPHYDEAGN VLNMGTSIAD KGGTKYVMFK IPATAPGSKK KGKNPLKHSE VFCSIPSRSL LSPSYYHSFG VTENYVVFLE QPFKLDILKM ATAYMRGVSW ASCMTFCKED KTYIHIIDQK TRKPVPTKFY TDPMVVFHHV NAYEEDGCVL FDVIAYEDNS LYQLFYLANL NKDFEEKSRL TSVPTLRRFA VPLHVDKDAE VGSNLVKVSS TTATALKEKD DHVYCQPEVL YEGLELPRIN YAHNGKPYRY IFAAEVQWSP VPTKILKYDV LTKSSLKWSE ESCWPAEPLF VPTPGAKDED DGVILSAIIS TDPQKLPFLL ILDAKSFTEL ARASVDVDMH LDLHGLFIPD AGWNAVKQTP AKTQEDENSD HPTGLTAPGL GHGENDFTAG HGGKSL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	BCMO1
Alternative Name:	Beta,beta-carotene 15,15-monooxygenase (Bcmo1) (BCMO1 Products)
Background:	Recommended name: Beta,beta-carotene 15,15'-monooxygenase. EC= 1.14.99.36. Alternative name(s): Beta-carotene dioxygenase 1
UniProt:	Q91XT5

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 modificated 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

Handling

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