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Datasheet for ABIN7318195 BCAS2 Protein (T7 tag,His tag)

Overview

Quantity:	50 µg
Target:	BCAS2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCAS2 protein is labelled with T7 tag,His tag.

Product Details

Purpose:	Recombinant Human BCAS2/DAM1 Protein (His & T7 Tag)
Sequence:	Ala2-Phe225
Characteristics:	Recombinant Human Breast Carcinoma-Amplified Sequence 2 is produced by our E.coli expression system and the target gene encoding Ala2-Phe225 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BCAS2
Alternative Name:	BCAS2/DAM1 (BCAS2 Products)
Background:	Background: Breast Carcinoma-Amplified Sequence 2 (BCAS2) is a member of the SPF27 family. BCAS2 is a nuclear protein and widely expressed in many tissues. BCAS2 is identified

Target Details

as being overexpressed in various breast cancer cell lines. BCAS2 is a component of the spliceosome, taking part in the removal of introns from mRNA precursors. BCAS2 interacts with estrogen receptor alpha and beta, thyroid hormone receptor beta, peroxisome proliferator-activated receptor gamma. BCAS2 functions as an ER co-activator and is capable of enhancing ER-mediated transcription.

Synonym: Pre-mRNA-Splicing Factor SPF27, Breast Carcinoma-Amplified Sequence 2, DNA Amplified in Mammary Carcinoma 1 Protein, Spliceosome-Associated Protein SPF 27, BCAS2, DAM1

Molecular Weight:	28.6 kDa
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UniProt:	O75934
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 200 mM NaCl, 2 mM DTT, pH 8.0.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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