

Product Name: Recombinant Human BCAS2 (C-6His, N-T7 tag)
Catalog #: PEH0136

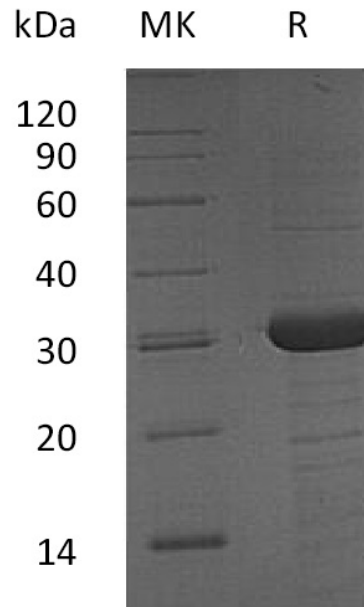


Summary

Name	BCAS2/DAM1/Pre-mRNA-splicing factor SPF27
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	O75934
Host	E.coli
Species	Human
Predicted Molecular Mass	28.58 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 2mM DTT, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

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

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 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.

Note

For Research Use Only , Not for Diagnostic Use.