

## Recombinant Human BCAS2 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** BCAS2-414H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | BCAS2 MS Standard C13 and N15-labeled recombinant protein (NP_005863) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. May have a scaffolding role in the spliceosome assembly as it contacts all other components of the core complex. The PRP19-CDC5L complex may also play a role in the response to DNA damage (DDR). [UniProtKB/Swiss-Prot Function] |
| <b>Molecular Mass</b>   | 26.1 kDa                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MAGTGLVAGEVVVDALPYFDQGYEAPGVREAAAALVEEETRRYRPTKNYLSYLTAP<br>DYSAFETDIMRNEFERLAARQPIELLSMKRYELPAPSSGQKNDITAWQECVNNSMA<br>QLEHQAVRIENLELMSQHGCNAWKVYNENLVHMIHAQKELQKLRKHIQDLNWQRK<br>NMQLTAGSKLREMESNWVSLVSKNYEIERTIVQLENEIYQIKQQHGEANKENIRQDF<br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                           |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** BCAS2 breast carcinoma amplified sequence 2 [ Homo sapiens (human) ]

**Official Symbol** BCAS2

**Synonyms** BCAS2; breast carcinoma amplified sequence 2; pre-mRNA-splicing factor SPF27; DAM1; Snt309; SPF27; breast carcinoma-amplified sequence 2; spliceosome-associated protein SPF 27; DNA amplified in mammary carcinoma 1 protein; spliceosome associated protein, amplified in breast cancer;

**Gene ID** 10286

**mRNA Refseq** NM\_005872

**Protein Refseq** NP\_005863

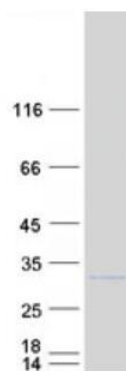
**MIM** 605783

**UniProt ID** O75934

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**SDS-PAGE**

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