

# Product datasheet for AR09854PU-S

### BCAS2 / DAM1 (1-225, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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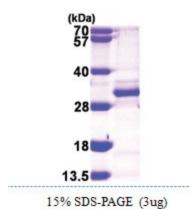
| Product Type:                            | Recombinant Proteins  |
|--|---|
| Description:                             | BCAS2 / DAM1 (1-225, His-tag) human recombinant protein, 10 μg  |
| Species:                                 | Human   |
| Expression Host:                         | E. coli   |
| Expression cDNA Clone<br>or AA Sequence: | <u>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS</u> MAGT GLVAGEVVVD ALPYFDQGYE<br>APGVREAAAA LVEEETRRYR PTKNYLSYLT APDYSAFETD IMRNEFERLA ARQPIELLSM KRYELPAPSS<br>GQKNDITAWQ ECVNNSMAQL EHQAVRIENL ELMSQHGCNA WKVYNENLVH MIEHAQKELQ<br>KLRKHIQDLN WQRKNMQLTA GSKLREMESN WVSLVSKNYE IERTIVQLEN EIYQIKQQHG<br>EANKENIRQD F |
| Tag:                                     | His-tag   |
| Predicted MW:                            | 30.3 kDa  |
| Concentration:                           | lot specific  |
| Purity:                                  | >85%  |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 5mM DTT, 0.2M NaCl  |
| Preparation:                             | Liquid purified protein   |
| Protein Description:                     | Recombinant human BCAS2 protein, fused to His-tag at N-terminus, was expressed in E.coli<br>and purified by using conventional chromatography techniques.   |
| Storage:                                 | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.<br>Avoid repeated freezing and thawing.   |
| Stability:                               | Shelf life: one year from despatch.   |
| RefSeq:                                  | <u>NP 005863</u>  |
| Locus ID:                                | 10286   |
| UniProt ID:                              | <u>075934</u> , <u>B2R7W3</u>   |
| Cytogenetics:                            | 1p13.2  |
| Synonyms:                                | DAM1; Snt309; SPF27   |



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|                 | BCAS2 / DAM1 (1-225, His-tag) Human Protein – AR09854PU-S  |
|-----------------|--|
| Summary:        | Required for pre-mRNA splicing as component of the activated spliceosome<br>(PubMed:28502770, PubMed:28076346, PubMed:29360106, PubMed:29301961,<br>PubMed:30705154). Component of the PRP19-CDC5L complex that forms an integral part of<br>the spliceosome and is required for activating pre-mRNA splicing. May have a scaffolding role<br>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).<br>[UniProtKB/Swiss-Prot Function]   |
| Protein Pathway | rs: Spliceosome  |

## Product images:



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