

Product datasheet for **AR09854PU-S**

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

Product data:

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 or AA Sequence:	<u>MRGSHHHHHH</u> <u>GMASMTGGQQ</u> <u>MGRDLYDDDD</u> <u>KDRWGSMAGT</u> GLVAGEVVVD ALPYFDQGYE APGVREAAAA LVEEETRRYR PTKNYLSYLT APDYSAFETD IMRNEFERLA ARQPIELLSM KRYELPAPSS GQKNDITAWQ ECVNNSMAQL EHQAVRIENL ELMSQHGCA WKVYNENLVH MIEHAQKELQ KLRKHIQDLN WQRKNMQLTA GSKLREMESN WWSLVSKNYE IERTIVQLEN EIYQIKQQHG EANKENIRQD F
Tag:	His-tag
Predicted MW:	30.3 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein 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 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. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_005863</u>
Locus ID:	10286
UniProt ID:	<u>O75934</u> , <u>B2R7W3</u>
Cytogenetics:	1p13.2
Synonyms:	DAM1; Snt309; SPF27



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Summary:

Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:28502770, PubMed:28076346, PubMed:29360106, PubMed:29301961, PubMed:30705154). 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]

Protein Pathways:

Spliceosome

Product images: