

# Product Data Sheet

## Recombinant Human BCAS2 Protein

Catalog #	Source	Reactivity	Applications
CRP1105	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human BCAS2 Protein 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.		
<b>Form</b>	Lyophilized from a 0.2 µM filtered solution of 20mM Tris-HCl, 200mM NaCl, 2mM DTT, pH 8.0.		
<b>Gene Symbol</b>	BCAS2		
<b>Alternative Names</b>	DAM1; Pre-mRNA-splicing factor SPF27; Breast carcinoma-amplified sequence 2; DNA amplified in mammary carcinoma 1 protein; Spliceosome-associated protein SPF 27		
<b>Entrez Gene</b>	10286 (Human)		
<b>SwissProt</b>	O75934 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MASMTGGGQQM GRGSMAGTGL VAGEVVVDAL PYFDQGYEAP GVREAAAALV EEETRRYRPT KNYLSYLTAP DYSAFETDIM RNEFERLAAR QPIELLSMKR YELPAPSSGQ KNDITAWQEC VNNSMAQLEH QAVRIENLEL MSQHGCNAWK VYNENLVHMI EHAQKELQKL RKHIQDLNWQ RKNMQLTAGS KLREMESNWV SLVSKNYEIE RTIVQLENEI YQIKQQHGEA NKENIRQDFL EHHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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freeze-thaw cycles.

### Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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.

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