

## Product datasheet for **TP305615M**

### BCAS2 (NM\_005872) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human breast carcinoma amplified sequence 2 (BCAS2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC205615 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAGTGLVAGEVVDALPYFDQGYEAPGVREAAAALVEEETRRYRPTKNYLSYLTAPDYSAFETDIMRNEF  
ERLAARQPIELLSMKRYELPAPSSGQKNDITAWQECVNN SMAQLEHQAVRIENLELMSQHG CNAWKVYNE  
NLVHMIHAQKELQKLRKHIQDLNWQRKNMQLTAGSKLREMESNWVSLVSKNYEIERTIVQLENEYQIK  
QQHGEANKENIRQDF

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDK**V

**Tag:** C-Myc/DDK

**Predicted MW:** 26 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_005863](#)

**Locus ID:** 10286

**UniProt ID:** [O75934](#), [B2R7W3](#)



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RefSeq Size: 1310

Cytogenetics: 1p13.2

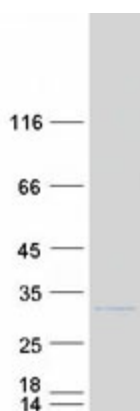
RefSeq ORF: 675

Synonyms: DAM1; Snt309; SPF27

**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:



Coomassie blue staining of purified BCAS2 protein (Cat# [TP305615]). The protein was produced from HEK293T cells transfected with BCAS2 cDNA clone (Cat# [RC205615]) using MegaTran 2.0 (Cat# [TT210002]).