

Product datasheet for **TP305615L**

BCAS2 (NM_005872) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human breast carcinoma amplified sequence 2 (BCAS2), 1 mg

Species: Human

Expression Host: HEK293T

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

MAGTGLVAGEVVDALPYFDQGYEAPGVREAAAALVEEETRRYRPTKNYLSYLTAPDYSAFETDIMRNEF
ERLAARQPIELLSMKRYELPAPSSGQKNDITAWQECVNN SMAQLEHQAVRIENLELMSQHG CNAWKVYNE
NLVHMIEHAQKELQKLRKHIQDLNWQRKNMQLTAGSKLREMESNWVSLVSKNYEIERTIVQLENEYQIK
QQHGEANKENIRQDF

TRTRPLE**Q**KLISEEDLAANDILDY**K**DDDD**KV**

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

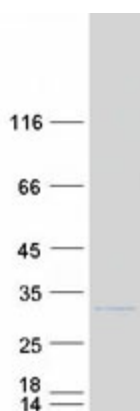
RefSeq ORF: 675

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]).