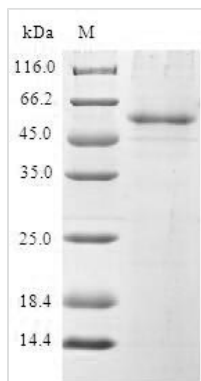




# Recombinant Human Pre-mRNA-splicing factor SPF27 (BCAS2)

<b>Product Code</b>	CSB-EP002597HU
<b>Relevance</b>	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).
<b>Abbreviation</b>	Recombinant Human BCAS2 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O75934
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MAGTGLVAGEVVVDALPYFDQGYEAPGVREAAAALVEEETRRYRPTKNYLSY LTAPDYSAFETDIMRNEFERLAARQPIELLSMKRYELPAPSSGQKNDITAWQE CVNNSMAQLEHQAVRIENLELMSQHGCAWVKVYNNLVHMIHAQKELQKLR KHIQDLNWQRKNMQLTAGSKLREMESNWWVSLVSKNYEIERTIVQLENEIYQIK QQHGEANKENIRQDF
<b>Research Area</b>	Tags & Cell Markers
<b>Source</b>	E.coli
<b>Target Names</b>	BCAS2
<b>Protein Names</b>	Recommended name: Pre-mRNA-splicing factor SPF27 Alternative name(s): Breast carcinoma-amplified sequence 2 DNA amplified in mammary carcinoma 1 protein Spliceosome-associated protein SPF 27
<b>Expression Region</b>	1-225aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	53.0kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The gene coding for the Human BCAS2 protein (1-225aa) is introduced into a plasmid vector, creating recombinant plasmid that is subsequently transformed into e.coli cells. e.coli cells capable of surviving in the presence of a specific antibiotic are selected and then cultured under conditions favorable for the expression of the gene of interest. A N-terminal GST tag is attached to the protein. Post-expression, the recombinant Human BCAS2 protein is isolated and purified from the cell lysate using affinity purification. Denaturing SDS-PAGE is applied to resolve the resulting recombinant Human BCAS2 protein, revealing a purity exceeding 90%.

## Shelf Life

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