



# Recombinant Human Protein CASC3 (CASC3)

<b>Product Code</b>	CSB-EP004535HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O15234
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MADRRRQRAS QDTEDEESGA SGSDSGGSPL RGGGSCSGSA GGGGSGSLPS QRGGRTGALH LRRVESGGAK SAESECESE DGIEGDAVLS DYESAEDSEG EEEGEYSEEN SKVELKSEAN DAVNSSTKEE KGEEKPDTKS TVTGERQSGD GQESTEPVEN KVGKKGPKHL DDEDRKNPA YIPRKGLFFE HDLRGQTQEE EVRPKGRQRK LWKDEGRWEH DKFREDEQAP KSRQELIALY GYDIRSAHNP DDIKPRRIRK PRYGSPQRD PNWNGERLNK SHRHQGLGGT LPPRTFINRN AAGTGRMSAP RNYSRSGGFK EGRAGFRPVE AGGQHGGRSR ETVKHEISYR SRRLEQTSVR DPSPEADAPV LGSPEKEEAA SEPPAAAPDA APPPPDRPIE KKSYSRARRT RTKVGDAVKL AEEVPPPPEG LIPAPPVET TPTPPTKTGT WEAPVDSSTS GLEQDVAQLN IAEQNWSPGQ PSFLQPRELR GMPNHIHMGA GPPPQFNRM EMGVQGGRAK RYSSQRQRPV PEPPAPPVHI SIMEGHYYDP LQFQGPIYTH GDSPAPLPPQ GMLVQPGMNL PHPGLHPHQT PAPLPNPGLY PPPVSMSPGQ PPPQQLLAPT YFSAPGVMNF GNPSYPYAPG ALPPPPPHL YPNTQAPSQV YGGVTYYNPA QQQVQPKPSP PRRTPQPVTI KPPPPEVVS R GSS
<b>Source</b>	E.coli
<b>Target Names</b>	CASC3
<b>Protein Names</b>	Recommended name: Protein CASC3 Alternative name(s): Cancer susceptibility candidate gene 3 protein Metastatic lymph node gene 51 protein Short name= MLN 51 Protein barentsz Short name= Btz
<b>Expression Region</b>	1-703
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	The product of this gene is a core component of the exon junction complex (EJC), a protein complex that is deposited on spliced mRNAs at exon-exon junctions and functions in nonsense-mediated mRNA decay (NMD). The encoded protein binds RNA and interacts with two other EJC core components. It is predominantly located in the cytoplasm, but shuttles into the nucleus where it localizes to nuclear speckles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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.