

## Product datasheet for TP308495L

### CASC3 (NM\_007359) Human Recombinant Protein

#### Product data:

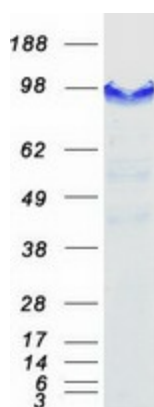
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human cancer susceptibility candidate 3 (CASC3), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208495 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MADRRRQRASQDTEDEESGASGSDSGGSPLRGGGSCSGSAGGGGSGSLPSQRRGRTGALHLRRVESGGAK SAEESCESEDGIEGDAVLSDYESAEDSEGEYSEEENSKVELKSEANDAVNSSTKEEKGEKPDTKS TVTGERQSGDGQESTEPVENKVGKKGPKHLDDDEDKRNPAYIPRKGLFFEHDLRGQTQEEVPRPKGRQRK LWKDEGRWEHDKFREDEQAPKSRQELIALYGYDIRSAHNPDDIKPRRIRKPRYGSPQRPDPNWNGERLNK SHRHQGLGGTLPRTFINRNAAGTGRMSAPRNYRSRGGFKEGRAGFRPVEAGGQHGGRSGETVKHEISYR SRRLEQTSVRDPSPEADAPVLGSPKEEAASEPPAAAPDAAPPPPDRPIEKSYSRARTRTKVGDAVKL AEEVPPPPEGLIPAPPVPETTPPTKTGTWEAPVDSSTSGLEQDVAQLNIAEQNWSPGQPSFLQPRELR GMPNHIHMGAGPPPQFNRMEEVMGVQGGRAKRYSSQRQRPVPEPPAPPVHISIMEGHYYDPLQFQGPYITH GDSPAPLPPQGMLVQPGMNLPHPLHPGLHPHQTAPLNPGLYPPVSMSPGQPPPPQQLLAPTYFSAPGVMNF GNPSYPYAPGALPPPPPHLYPNTQAPSQVYGGVTYYNPAQQVQPKSPRRRTPQVPTIKPPPEVWSR GSS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	76.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_031385</u>
<b>Locus ID:</b>	22794
<b>UniProt ID:</b>	<u>O15234</u>
<b>RefSeq Size:</b>	4198
<b>Cytogenetics:</b>	17q21.1
<b>RefSeq ORF:</b>	2109
<b>Synonyms:</b>	BTZ; MLN51
<b>Summary:</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. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified CASC3 protein (Cat# [TP308495]). The protein was produced from HEK293T cells transfected with CASC3 cDNA clone (Cat# [RC208495]) using MegaTran 2.0 (Cat# [TT210002]).