

## Product datasheet for TP308495M

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cancer susceptibility candidate 3 (CASC3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208495 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MADRRRQRASQDTEDEESGASGSDSGGSPLRGGGSCSGSAGGGGSGSLPSQRGGRTGALHLRRVESGGAK SAEESCESEDGIEGDAVLSDYESAEDSEGEYSEEENSKVELKSEANDAVNSSTKEEKGEKPDTKS TVTGERQSGDGQESTEPVENKVGKKGPKHLDDDEDKRNPAYIPRKGLFFEHLRGQTQEEVVRPKGRQRK LWKDEGRWEHDKFREDEQAPKSRQELIALYGYDIRSAHNPDDIKPRRIRKPRYGSPQRPDPNWNGERLNK SHRHQGLGGTLPRTFINRNAAGTGRMSAPRNYSRSGGFKEGRAGFRPVEAGGQHGGRSGETVKHEISYR SRRLEQTSVRDPSPEADAPVLGSPEKEEAASEPPAAAPDAAPPPPDRPIEKSYSRARTRTKVGDAVKL AEEVPPPPEGLIPAPPVPETTPPTKTGTWEAPVDSSTSGLEQDVAQLNIAEQNWSPGQPSFLQPRELR GMPNHIHMGAGPPPQFNRMEEGMVQGGRAKRYSSQRQRPVPEPPAPPVHISIMEGHYYDPLQFQGPYITH GDSPAPLPPQGMLVQPGMNLPHPLHPHQTAPLNPGLYPPVSMSPGQPPPPQQLLAPTYFSAPGVMNF GNPSYPYAPGALPPPPPHLYPNTQAPSQVYGGVTYYNPAQQVQPKPSPRRTPQPVTIKPPPEVWSR GSS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	76.1 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.



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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]).