

Product datasheet for TP308495

CASC3 (NM_007359) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cancer susceptibility candidate 3 (CASC3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208495 protein sequence Red =Cloning site Green =Tags(s)
	<p>MADRRRQRASQDTEDEESGASGSDSGGSPLRGGGSCSGSAGGGGSGSLPSQRGGRTGALHLRRVESGGAK SAEESCESEDGIEGDAVLSDYESAEDSEGEYSEEENSKVELKSEANDAVNSSTKEEKGEKPDTKS TVTGERQSGDGQESTEPVENKVGKKGPKHLDDDEDKRNPAYIPRKGLFFEHLRGQTQEEVVRPKGRQRK LWKDEGRWEHDKFREDEQAPKSRQELIALYGYDIRSAHNPDIDKPRRIRKPRYGSPQRPDPNWNGERLNK SHRHQGLGGTLPRTFINRNAAGTGRMSAPRNYRSRGGFKEGRAGFRPVEAGGQHGGRSGETVKHEISYR SRRLEQTSVRDPSPEADAPVLGSPEKEEAASEPPAAAPDAAPPPPDRPIEKKSYSRARTRTKVGDAVKL AEEVPPPPEGLIPAPPVPETTPPTKTGTWEAPVDSSTSGLEQDVAQLNIAEQNWSPGQPSFLQPRELR GMPNHIHMGAGPPPQFNRMEEMGVQGGRAKRYSSQRQRPVPEPPAPPVHISIMEGHYYDPLQFQGPYITH GDSPAPLPPQGMLVQPGMNLPHPLHQPAPLNPGLYPPVSMSPGQPPQQLLAPTYFSAPGVMNF GNPSYPYAPGALPPPPPHLYPNTQAPSQVYGGVTYYNPAQQVQPKPSPRRTPQPVTIKPPPEVWSR GSS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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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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_031385
Locus ID:	22794
UniProt ID:	O15234
RefSeq Size:	4198
Cytogenetics:	17q21.1
RefSeq ORF:	2109
Synonyms:	BTZ; MLN51
Summary:	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]).