

Product datasheet for TP319451

DGCR8 (NM_022720) Human Recombinant Protein

Product data:

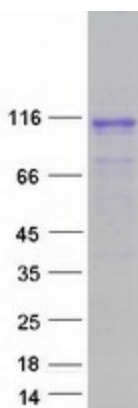
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens DiGeorge syndrome critical region gene 8 (DGCR8), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219451 representing NM_022720 Red=Cloning site Green=Tags(s)
	<p>METDESPSPLPCGPAGEAVMESRARPFQALPREQSPPPPLQTSSGAEVMDVGSGGDQSELPAEDPFNFY GASLLSKGSFSKGRLLIDPNCSGHSPRTARHAPAVRKFSPLDKLLKDVKISVSFTESCRSKDRKVLTYGA ERDVRAECGLLLSPVSGDVHACPFGGVGDGVGIGGESADKKDEENELDQEKREYAVLDELEDFTDNLE LDEEGAGGFTAKAIVQRDRVDEEALNFPYEDDFDNDVDALLEEGLCAPKKRRTEEKYGGSDHPSDGETS VQPMMTKIKTVLKSRRPTEPLPDGWIMTFHNSGVPVYLHRESRVTWSRPYFLGTGSIRKHDPPSSI PCLHYKKMKDNEEREQSSDLTPSGDVSPVKPLRSAELEFPLDEPDSMGADPGPPDEKDPGAEAPGAL GQVKAKVEVCKDESVDLEEFRSYLEKRFDFEQVTVKKFRTWAERRQFNEMKRKQAESERPILPANQKLI TLSVQDAPTKKEFVINPNGKSEVCILHEYMQRVLKVRPVYNFFECENPSEPFASVTIDGVTYGGSTASS KKLAKNKAARATLEILIPDFVKQTSEEKPKDSELEYFNHISIEDSRVYELTSKAGLLSPYQILHECLKR NHGMGDTSIKFEVVPKGNQKSEYVMACGKHTVRGWCKNKRVGKQLASQKILQLLHPHVKNWGSLLRMYGR ESSKMKVQETS DKS VIELQYAKKNKPNLHILSKLQEEMKRLAEEREETRKKPKMSIVASAPGGGEPLCT VDV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	85.9 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.



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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.
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_073557
Locus ID:	54487
UniProt ID:	Q8WYQ5
RefSeq Size:	4461
Cytogenetics:	22q11.21
RefSeq ORF:	2319
Synonyms:	C22orf12; DGCRK6; Gy1; pasha
Summary:	This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of microRNAs from the primary microRNA transcript. The encoded protein is a double-stranded RNA binding protein that functions as the non-catalytic subunit of the microprocessor complex. This protein is required for binding the double-stranded RNA substrate and facilitates cleavage of the RNA by the ribonuclease III protein, Drosha. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

Product images:



Coomassie blue staining of purified DGCR8 protein (Cat# TP319451). The protein was produced from HEK293T cells transfected with DGCR8 cDNA clone (Cat# [RC219451]) using MegaTran 2.0 (Cat# [TT210002]).