

Product datasheet for PH319451

DGCR8 (NM_022720) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DGCR8 MS Standard C13 and N15-labeled recombinant protein (NP_073557)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219451
Predicted MW:	85.9 kDa
Protein Sequence:	>RC219451 representing NM_022720 Red=Cloning site Green=Tags(s)

METDESPSPLPCGPAGEAVMESRARPFQALPREQSPPPPLQTSSGAEVMDVGGGQSELPAEDPFNFY
GASLLSKGSFSKGRLLIDPNCSGHSRPTARHAPAVRKFSFDLKLKDKVKISVSFTESCRSKDRKVLVTGA
ERDVRAECGLLLSPVSGDVHACPFGGVGDGVI GGESADKKDEENELDQEKRVEYAVLDELEDFTDNLE
LDEEGAGGFTAKAIVQRDRVDEEALNFPYEDDFDNDVDALLEEGLCAPKKRRTEEKYGGSDHPSDGETS
VQPMMTIKITVLKSRGRPPTEPLPDGWIMTFHNSGVVYVYLRHRSRVVWTSRPFYFLGTGSIKHKDPPLSSI
PCLHYKKMKDNEEREQSSDLTPSGDVSPVKPLSRSALEFPLDEPDSMGADPGPPDEKDPLGAEAAPGAL
GQVKAKVEVCKDESVDLEEFRSYLEKRFDFEQVTVKKFRTWAERRQFNREMKRQAESERPILPANQKLI
TLSVQDAPTKKEFVINPNGKSEVCILHEYMQRVLKVRPVYVNFECENPSEPFASVTIDGVTYGSSTASS
KKLAKNKAARATLEILIPDFVKQTSEEKPKDSELEYFNHISIEDSRVYELTSKAGLLSPYQILHECLKR
NHGMGDTSIKFEVYPGKNQKSEYVMACGKHTVRGWCKNKRVGKQLASQKILQLLHPHVKNWGSLLRMYGR
ESSKMVKQETS DKSVIELQQYAKKNKPNLHILSKLQEMKRLAEREETRKKPKMSIVASAPGGEPLCT
VDV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_073557

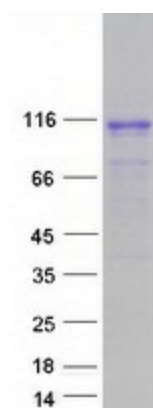


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RefSeq Size:	4461
RefSeq ORF:	2319
Synonyms:	C22orf12; DGCRK6; Gy1; pasha
Locus ID:	54487
UniProt ID:	Q8WYQ5
Cytogenetics:	22q11.21

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]).