

OriGene Technologies, Inc.

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Product datasheet for TP308368L

DGCR6 (NM_005675) Human Recombinant Protein

Product data:

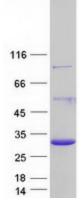
Description:Purified recombinant protein of Homo sapiens DiGeorge syndrome critical region gene 6 (DGCR6), 1 mgSpecies:HumanExpression Host:HEK293TExpression cDNAPRC208368 representing NM_005675 Red=Cloning site Green=Tags(s)RedRedClone or AA Seque:RedRedCloning site Green=Tags(s)MLELDRKVADQQSTLEKAGVAGFYVTTNPQELMLQNKELPSSFQQRLSYTTLSDLALALDGTVFEIVQGLEI QLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLPVLQAQQRELEAVEHRIREEQRAMDQK NLELDRKVADQQSTLEKAGVAGFYVTTNPQELMLQNNLLELIRKLQQRGCWAGKAALGLGGPWQLPAAQ CDQKGSPVPPTag:CMyc/DDKFredicted MW:24.8 k0aGoncentration:0.05 µg/µL as determined by microplate BCA methodPurity:Som ás determined by SDS-PAGE and Coomassie blue stainingBuffer:Som fursi-HCI, 100 ml glycine, PH 7.3, 10% glycerolRresparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Som forseting in cell culture applications, please filter before use. Note that you may experience som loss of protein during the filtration process.Storage:Storage:Storage in cell culture applications, please filter before use. Note that you may experience som loss of protein during the filtration process.Storage:Storage:Storage in cell culture applications, please filter before use. Note that you may experience som loss of protein during the filtration process.Storage:Storage:Storage in cell culture applications, please filter before use. Note that you may experience som loss of protein during the filtration process.Storage:<	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA Clone or AA Sequece:>RC208368 representing NM_005675 Red=Cloning site Green=Tags(s)MREVAGALEEVADGARQQERHYQLLSALQSLVKELPSSFQQRLSYTTLSDLALALLDGTVFEIVQGLLEI OHLTEKSLYNQRLRQNEHRVLRQALRQKHQEAQQACRPHNLPVUQAAQQRELEAVEHRIREEQRAMDQKK VLELDRKVADQQSTLEKAGVAGFYYTTNPQELMLQMNLLELIRKLQQRGCWAGKAALGLGGPWQLPAAQ CDQKGSPVPPTag:CMyc/DKPredicted MW:24.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by microplate BCA methodPreparation:Cmcominant 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:Stable for 12 months from the date of receipt of the product under proper storage and handing onditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 005666	Description:	
Expression cDNA Clone or AA SequeneRc208368 representing NM_005675 Red=Cloning site Green=Tags(s)MERYAGALEEVADGARQQERHYQLLSALQSLVKELPSSFQQRLSYTLSDLALALDGTVFEIVQGLLEI VLELDRKVADQQSTLEKAGVAGFYVTNPQELMLQMNLLELIRKLQQRGCWAGKAALGLGGPWQLPAAQ CDQKGSPVPPTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:24.8 kDaPoredicted MW:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Rccombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor act s00°CStorage:Scior act s00°CStability:Sable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:M. 205666	Species:	Human
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conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 005666	Storage:	Store at -80°C.
	Stability:	
Locus ID: 8214	RefSeq:	<u>NP 005666</u>
	Locus ID:	8214



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	DGCR6 (NM_005675) Human Recombinant Protein – TP308368L
UniProt ID:	<u>Q14129, X5D7D2</u>
RefSeq Size:	1188
Cytogenetics:	22q11
RefSeq ORF:	660
Summary:	DiGeorge syndrome, and more widely, the CATCH 22 syndrome, are associated with microdeletions in chromosomal region 22q11.2. The product of this gene shares homology with the Drosophila melanogaster gonadal protein, which participates in gonadal and germ cell development, and with the gamma-1 subunit of human laminin. This gene is a candidate for involvement in DiGeorge syndrome pathology and in schizophrenia. [provided by RefSeq, Nov 2008]
Protein Families	Druggable Genome, ES Cell Differentiation/IPS

Product images:



Coomassie blue staining of purified DGCR6 protein (Cat# [TP308368]). The protein was produced from HEK293T cells transfected with DGCR6 cDNA clone (Cat# [RC208368]) using MegaTran 2.0 (Cat# [TT210002]).

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