

Product datasheet for **TP308368L**

DGCR6 (NM_005675) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens DiGeorge syndrome critical region gene 6 (DGCR6), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208368 representing NM_005675
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MERYAGALEEVADGARQQERHYQLLSALQSLVKELPSSFQQRLSYTTLSDLALALLDGTVFEIVQGLLEI
QHLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLPVLQAAQQRELEAVEHRIRREEQRAMDQK
IVLELDRKVADQQSTLEKAGVAGFYVTTNPQELMLQMNLLELIRKLQQRGCWAGKAALGLGGPWQLPAAQ
CDQKGSPPVPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	24.8 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.
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:	<u>NP_005666</u>
Locus ID:	8214



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UniProt ID: [Q14129](#), [X5D7D2](#)

RefSeq Size: 1188

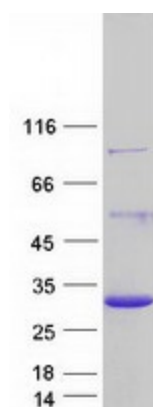
Cytogenetics: 22q11

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]).