

Product datasheet for **TP308368**

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA >RC208368 representing NM_005675
Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MERYAGALEEVADGARQQERHYQLLSALQSLVKELPSSFQQRLSYTTLSDLALALLDGTVFEIVQGLLEI
QHLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLPVLQAAQQRELEAVEHRIRREEQRAMDQK
IVLELDRKVADQQSTLEKAGVAGFYVTTNPQELMLQMNLLELIRKLQQRGCWAGKAALGLGGPWQLPAAQ
CDQKGGSPVPP

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: [NP_005666](#)
Locus ID: 8214



[View online »](#)

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

RefSeq Size: 1188

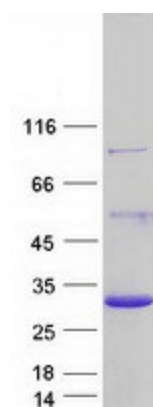
Cytogenetics: 22q11

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]).