

Product datasheet for **TP308368M**

DGCR6 (NM_005675) Human Recombinant Protein

Product data:

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|-----------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens DiGeorge syndrome critical region gene 6 (DGCR6), 100 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: | <u>NP_005666</u> |
| Locus ID: | 8214 |



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

RefSeq Size: 1188

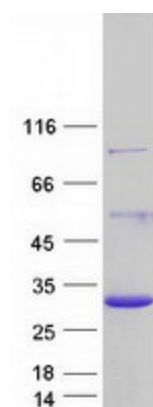
Cytogenetics: 22q11

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]).