

# Recombinant Human DiGeorge Syndrome Critical Region Gene 6, His-tagged

**Cat. No.** DGCR6-3053H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DGCR6 was produced in <i>E.coli</i> with a His tag at N-terminus. MW = 24989 Da (1-220 aa).                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Length</b>   | 1-220 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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 <i>Drosophila melanogaster</i> 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. |
| <b>Form</b>             | 10 mM Tris. pH 8.0. 0.002% NaN <sub>3</sub> . 3mM NaCl. 2.5mM Imidazole.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | 95%.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>     | MS. SDS.                                                                                                                                                                                                                                                                                                                                                                                                                             |

## GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name           | DGCR6 DiGeorge syndrome critical region gene 6 [ Homo sapiens ]                                                                                  |
| Synonyms            | DGCR6; DiGeorge syndrome critical region gene 6; protein DGCR6; DiGeorge syndrome critical region protein 6; DiGeorge syndrome critical region 6 |
| Gene ID             | 8214                                                                                                                                             |
| mRNA Refseq         | NM_005675                                                                                                                                        |
| Protein Refseq      | NP_005666                                                                                                                                        |
| MIM                 | 601279                                                                                                                                           |
| UniProt ID          | Q14129                                                                                                                                           |
| Chromosome Location | 22q11.21; 22q11                                                                                                                                  |
| Function            | molecular_function                                                                                                                               |

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