

## Recombinant Human DGCR6L Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DGCR6L-6260H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DGCR6L MS Standard C13 and N15-labeled recombinant protein (NP_150282) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene, the result of a duplication at this locus, is one of two functional genes encoding nearly identical proteins that have similar expression patterns. The product of this gene is a protein that shares homology with the Drosophila gonadal protein, expressed in gonadal tissues and germ cells, and with the human laminin gamma-1 chain that functions in cell attachment and migration. This gene is located in a region of chromosome 22 implicated in the DiGeorge syndrome, one facet of a broader collection of anomalies referred to as the CATCH 22 syndrome. |
| <b>Molecular Mass</b>   | 24.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MERYAAALEEVADGARQQRHYQLLSALQSLVKELPSSFQQRLSYTTLSDLALALLD<br>GTVFEIVQGLLEIQHLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLP<br>VVQAAQQRELEAVEHRIREEQRAMDQKIILELDRKVADQQSTLEKAGVAGFYVTTNP<br>QELMLQMNLLELIRKLQQRGCAGNAALGLGGPWQSPAAQCDQKGSVPPTTRTP<br>LEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

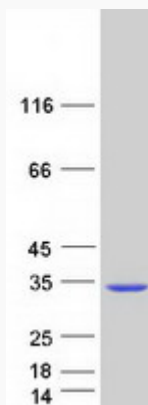
|                        |                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DGCR6L DiGeorge syndrome critical region gene 6-like [ Homo sapiens (human) ]                                                                                                     |
| <b>Official Symbol</b> | DGCR6L                                                                                                                                                                            |
| <b>Synonyms</b>        | DGCR6L; DiGeorge syndrome critical region gene 6-like; protein DGCR6L; FLJ10666; DiGeorge syndrome critical region gene 6 like; diGeorge syndrome critical region 6-like protein; |
| <b>Gene ID</b>         | 85359                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_033257                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_150282                                                                                                                                                                         |
| <b>MIM</b>             | 609459                                                                                                                                                                            |
| <b>UniProt ID</b>      | Q9BY27                                                                                                                                                                            |

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## SDS-PAGE



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