

Recombinant Human DGCR6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DGCR6-1267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DGCR6 MS Standard C13 and N15-labeled recombinant protein (NP_005666) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	24.8 kDa
AA Sequence	MERYAGALEEVADGARQQRHYQLLSALQSLVKELPSSFQQRLSYTTLSDLALALLD GTVFEIVQGLLEIQHLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLP VLQAAQQRELEAVEHRIREEQRAMDQKIVLELDRKVADQQSTLEKAGVAGFYVTTN PQELMLQMNLLLEIRKLQQRGCWAGKAALGLGGPWQLPAAQCDQKGSVPVPTTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

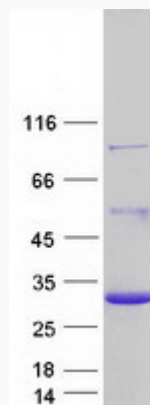
GENE INFORMATION

Gene Name	DGCR6 DiGeorge syndrome critical region gene 6 [Homo sapiens (human)]
Official Symbol	DGCR6
Synonyms	DGCR6; DiGeorge syndrome critical region gene 6; protein DGCR6; DiGeorge syndrome critical region protein 6;
Gene ID	8214
mRNA Refseq	NM_005675
Protein Refseq	NP_005666
MIM	601279
UniProt ID	Q14129

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SDS-PAGE

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