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## Product Data Sheet

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Product Name: DGCR6L Human

Cat. No.: GP23318

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein DGCR6L; DiGeorge syndrome critical region 6-like protein; DGCR6L.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMERYAAA LEEVADGARQ QERHYQLLSA LQSLVKELPS SFQQRLSYTT LSDLALALLD GTVFEIVQGL LEIQHLTEKS LYNQRLRLQN EHRVLRQALR QKHQEAQQAC RPHNLPVVQA AQQRELEAVE HRIREEQRAM DQKIILELDR KVADQQSTLE KAGVAGFYVT TNPQELMLQM NLLELIRKLQ QRGCRAGNAA LGLGGPWQSP AAQCDQKGSP VPP.		
Formulation	DGCR6L protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 1mM DTT and 250mM Imidazole.		

**Introduction**

DiGeorge syndrome critical region 6-like protein (DGCR6L) shares homology with the Drosophila gonadal protein, it is expressed in gonadal tissues and germ cells, and with the human laminin gamma-1 chain which functions in cell attachment and migration. DGCR6L is located in a region of chromosome 22 involved in the DiGeorge syndrome, one aspect of a wider collection of anomalies referred to as the CATCH 22 syndrome. Moreover, it is one of two functional genes encoding nearly identical proteins which have analogous expression patterns.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

DGCR6L Human Recombinant produced in E.Coli is a single, non-glycosylated

**Caution: Product has not been fully validated for medical applications. For research use only.**

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polypeptide chain containing 243 amino acids (1-220 a.a) and having a molecular mass of 27.3kDa. DGCR6L is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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