

AR50909PU-N**Human DGCR6L (1-220, His-tag) - Purified****Alternate names:**

DiGeorge syndrome critical region 6-like protein

Quantity:

0.1 mg

Concentration:

0.5mg/ml (determined by Bradford assay)

Background:

DGCR6L 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 protein 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.

Uniprot ID:[Q9BY27](#)**NCBI:**[NP_150282](#)**GeneID:**[85359](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >85% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT, 250mM Imidazole**Description:**

Recombinant human DGCR6L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMERYAAA LEEVADGARQ QERHYQLLSA LQSLVKELPS
SFQQRLSYTT LSDLALALLD GTVFEIVQGL LEIQHLTEKS LYNQRLRLQN EHRVLRQALR
QKHQEAQQAC RPHNLPVVQA AQQRELEASE HRIREEGRAM DQKIIELEDR KVADQQSTLE
KAGVAGFYVT TNPQELMLQM NLELIRKLQ QRGCRAGNAA LGLGGPWQSP AAQCDQKGSP VPP

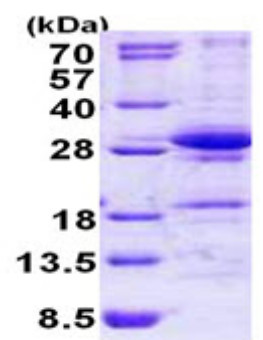
Molecular weight: 27.3 kDa (243aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Li,X., et al. (2010) Int. J. Biochem. Cell Biol. 42 (1), 70-79 Pfuhl,T., et al. (2005) Hum. Genet. 117 (1), 70-80

Pictures:



15% SDS-PAGE (3ug)