

AR50803PU-S

Human DGCR6 (1-220, His-tag) - Purified

Alternate names:

DiGeorge syndrome critical region 6

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

DGCR6 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 protein is a candidate for involvement in DiGeorge syndrome pathology and in schizophrenia.

Uniprot ID:

[Q14129](#)

NCBI:

[NP_005666](#)

GeneID:

[102724770](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol.

Description:

Recombinant human DGCR6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MGSERYAGA LEEVADGARQ QERHYQLLSA LQSLVKELPS
SFQQRLSYTT LSDLALALLD GTVFEIVQGL LEIQHLTEKS LYNQRLRLQN EHRVLRQALR
QKHQEAQQAC RPHNLPVLQA AQQRELEAVE HRIREEGRAM DQKIVLELDR KVADQQSTLE
KAGVAGFYVT TNPQELMLQM NLELIRKLQ QRGCWAGKAA LGLGGPWQLP AAQCDQKGSP VPP

Molecular weight: 27 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:

Pfuhl T, Dürr M, Spurk A, et al. (2005). Hum Genet. 117(1):70-80.

Pictures:

