

DGCR6L, 1-220aa, Human, His tag, E.coli

Cat.NO.: TP01869

3th Edition

Synonyms:Gem-associated protein 6, gem (nuclear organelle) associated protein 6

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

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT, 250mM Imidazole

Molecular Weight:27.3 kDa (243aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMERYAAALEEVADGARQQRHYQLLSALQSLVKELPSSFQQRLSYTTLSDL
ALALLDGTVEIVQGLLEIQHLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLPVVQAAQQRELEAVE
HRIREEQRAMDQKIILELDRKVADQQSTLEKAGVAGFYVTTNPQELMLQMNLLELIRKLQQRGCRAGNAALGLGGP
WQSPAAQCDQKGSPVPP

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.