

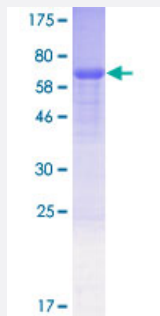
Full-Length

DGCR14 (Human) Recombinant Protein (P01)

Catalog # H00008220-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DGCR14 full-length ORF (AAH37829.1, 1 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLGACFPNLSSGDVMVFGPGGLGQPVLHPVLVLGHHQQPVLGFGSKLVVGPVVGPQACLGVQ
FALSAVLALPLPLEGGRRRGFGLGGLQPRVAEDLIDVEPLADVGLQHAVDEV LALAGQVLGARE
VHTVLLLDLTQHLPDVG VVIGHGAADHDVQDHAQAPDVIHLGLVGDALQHLGGCICCRPAEGLAED
DAPIAVPQAALGEAKVRQLDVEVLVEEKVLALEVPVDDVQVVAVLDGGGELSEHLACHVLMQG
SLALDELEKRLAPLPSTSPRHVGQQALSSFTLPEASGWAALGWASTQGWD TQHCLRVT SANELI
KPRSGGGDWAEGEQGLWNRGSQAGLAGAPTPRPLEGSLSPGQDSGGPAAAAALVSLSQVKLE
GRRPTSSLFASPGCGD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67

Interspecies Antigen Sequence

Mouse (29); Rat (29)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DGCR14

Entrez GeneID	8220
GeneBank Accession#	BC037829.1
Protein Accession#	AAH37829.1
Gene Name	DGCR14
Gene Alias	DGCR13, DGS-H, DGS-I, DGSH, DGSI, ES2, Es2el
Gene Description	DiGeorge syndrome critical region gene 14
Omim ID	601755
Gene Ontology	Hyperlink
Gene Summary	This gene is located within the minimal DGS critical region (MDGCR) thought to contain the gene(s) responsible for a group of developmental disorders. These disorders include DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome, and some familial or sporadic conotruncal cardiac defects which have been associated with microdeletion of 22q11.2. The encoded protein may be a component of C complex spliceosomes, and the orthologous protein in the mouse localizes to the nucleus. [provided by RefSeq]
Other Designations	DiGeorge syndrome critical region gene 13 DiGeorge syndrome critical region gene DGS DiGeorge syndrome critical region protein 14 DiGeorge syndrome gene H DiGeorge syndrome gene I Protein DGCR13

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [DiGeorge syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Schizophrenia](#)