

Recombinant Human DGCR2, GST-tagged

Cat. No. DGCR2-11950H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGCR2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-300a.a.
Description	Deletions of the 22q11.2 have been associated with a wide range of developmental defects (notably DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome and isolated conotruncal cardiac defects) classified under the acronym CATCH 22. The DGCR2 gene encodes a novel putative adhesion receptor protein, which could play a role in neural crest cells migration, a process which has been proposed to be altered in DiGeorge syndrome. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	DGCR2 DiGeorge syndrome critical region gene 2 [Homo sapiens]
Official Symbol	DGCR2
Synonyms	DGS C; DGS2; DiGeorge syndrome critical region gene 2; IDD; integral membrane protein DGCR2; LAN; SEZ 12; DiGeorge syndrome critical region protein 2; integral membrane protein deleted in DiGeorge syndrome
Gene ID	9993
mRNA Refseq	NM_005137.2
Protein Refseq	NP_005128.1
MIM	600594
UniProt ID	P98153
Chromosome Location	22q11.21
Function	carbohydrate binding;