

# Product datasheet for TP762132

## DGCR2 (NM\_005137) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human Human DiGeorge syndrome critical region gene 2 (DGCR2), transcript variant 1,Trp49-Phe330, with N-terminal His tag, expressed in E. coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding the region(Trp49-Phe330) of DGCR2 or AA Sequence: N-His Tag: Predicted MW: 32.2 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 50 mM Tris-HCl, pH 8.0, 8 M urea Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 005128 Locus ID: 9993 **UniProt ID:** P98153, Q8IWC8 4504 **RefSeq Size:** Cytogenetics: 22q11.21 **RefSeq ORF:** 1650 Synonyms: DGS-C; IDD; LAN; SEZ-12



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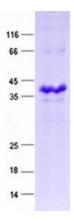
### OriGene Technologies, Inc.

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Summary:	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.[provided by RefSeq, May 2010]

### Protein Families: Druggable Genome, Transmembrane

## **Product images:**



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