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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 or AA Sequence:	A DNA sequence encoding the region(Trp49-Phe330) of DGCR2
Tag:	N-His
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.
Storage:	Store at -80°C.
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
RefSeq Size:	4504
Cytogenetics:	22q11.21
RefSeq ORF:	1650
Synonyms:	DGS-C; IDD; LAN; SEZ-12

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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: