

Product datasheet for PH308368

DGCR6 (NM_005675) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DGCR6 MS Standard C13 and N15-labeled recombinant protein (NP_005666)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208368
Predicted MW:	24.8 kDa
Protein Sequence:	<p>>RC208368 representing NM_005675</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MERYAGALEEVADGARQQERHYQLLSALQSLVKELPSSFQQRLSYTTLSDLALALLDGTVEIVQGLLEI QHLTEKSLYNQRLRLQNEHRVLRQALRQKHQEAQQACRPHNLPVLQAAQQRELEAVEHRIREEQRAMDQK IVLELDRKVADQQSTLEKAGVAGFYVTTNPQELMLQMNLELIRKLQQRGCWAGKAALGLGGPWQLPAAQ CDQKGGSPVPP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005666
RefSeq Size:	1188
RefSeq ORF:	660
Locus ID:	8214
UniProt ID:	Q14129 , X5D7D2
Cytogenetics:	22q11

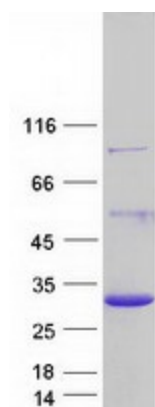

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Summary:

DiGeorge syndrome, and more widely, the CATCH 22 syndrome, are associated with microdeletions in chromosomal region 22q11.2. The product of this gene shares homology with the *Drosophila melanogaster* gonadal protein, which participates in gonadal and germ cell development, and with the gamma-1 subunit of human laminin. This gene is a candidate for involvement in DiGeorge syndrome pathology and in schizophrenia. [provided by RefSeq, Nov 2008]

Protein Families:

Druggable Genome, ES Cell Differentiation/IPS

Product images:


Coomassie blue staining of purified DGCR6 protein (Cat# [TP308368]). The protein was produced from HEK293T cells transfected with DGCR6 cDNA clone (Cat# [RC208368]) using MegaTran 2.0 (Cat# [TT210002]).