

Product datasheet for **RC209890L2V**

H6PD (NM_004285) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	H6PD (NM_004285) Human Tagged ORF Clone Lentiviral Particle
Symbol:	H6PD
Synonyms:	CORTRD1; G6PDH; GDH; H6PDH
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004285
ORF Size:	2373 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209890).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004285.3
RefSeq Size:	9117 bp
RefSeq ORF:	2376 bp
Locus ID:	9563
UniProt ID:	O95479
Cytogenetics:	1p36.22
Domains:	G6PD, Glucosamine_iso
Protein Pathways:	Metabolic pathways, Pentose phosphate pathway



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MW: 88.9 kDa

Gene Summary: There are 2 forms of glucose-6-phosphate dehydrogenase. G form is X-linked and H form, encoded by this gene, is autosomally linked. This H form shows activity with other hexose-6-phosphates, especially galactose-6-phosphate, whereas the G form is specific for glucose-6-phosphate. Both forms are present in most tissues, but H form is not found in red cells. [provided by RefSeq, Jul 2008]