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Product datasheet for RC212698L3V

Histidine decarboxylase (HDC) (NM_002112) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Histidine decarboxylase (HDC) (NM_002112) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Histidine decarboxylase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002112
ORF Size:	1986 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212698).
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_002112.1
RefSeq Size:	2646 bp
RefSeq ORF:	1989 bp
Locus ID:	3067
UniProt ID:	P19113
Cytogenetics:	15q21.2
Domains:	pyridoxal_deC
Protein Families:	Druggable Genome
Protein Pathways:	Histidine metabolism, Metabolic pathways

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MW: 74.2 kDa

Gene Summary: This gene encodes a member of the group II decarboxylase family and forms a homodimer that converts L-histidine to histamine in a pyridoxal phosphate dependent manner. Histamine regulates several physiologic processes, including neurotransmission, gastric acid secretion,inflamation, and smooth muscle tone.[provided by RefSeq, Aug 2010]