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Product datasheet for RC201559L1V

L Kynurenine Hydrolase (KYNU) (NM_001032998) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	L Kynurenine Hydrolase (KYNU) (NM_001032998) Human Tagged ORF Clone Lentiviral Particle
Symbol:	L Kynurenine Hydrolase
Synonyms:	KYNUU; VCRL2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001032998
ORF Size:	921 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201559).
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_001032998.1
RefSeq Size:	1315 bp
RefSeq ORF:	924 bp
Locus ID:	8942
UniProt ID:	Q16719
Cytogenetics:	2q22.2
Protein Families:	Protease

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Protein Pathways:	Metabolic pathways, Tryptophan metabolism
MW:	34.6 kDa
Gene Summary:	Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010]

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