

Product datasheet for **RC223337L4V**

INDOL1 (IDO2) (NM_194294) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	INDOL1 (IDO2) (NM_194294) Human Tagged ORF Clone Lentiviral Particle
Symbol:	INDOL1
Synonyms:	INDOL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_194294
ORF Size:	1260 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223337).
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_194294.2 , NP_919270.2
RefSeq Size:	2294 bp
RefSeq ORF:	1263 bp
Locus ID:	169355
UniProt ID:	Q6ZQW0
Cytogenetics:	8p11.21
Protein Pathways:	Metabolic pathways, Tryptophan metabolism
MW:	46.9 kDa



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Gene Summary:

Along with the enzymes encoded by the INDO (MIM 147435) and TDO2 (MIM 191070) genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway (Ball et al., 2007 [PubMed 17499941]).[supplied by OMIM, Feb 2011]