

Product datasheet for **RC204163L4V**

ABP1 (AOC1) (NM_001091) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ABP1 (AOC1) (NM_001091) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABP1
Synonyms:	ABP; ABP1; DAO; DAO1; KAO
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001091
ORF Size:	2253 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204163).
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_001091.2
RefSeq Size:	2446 bp
RefSeq ORF:	2256 bp
Locus ID:	26
UniProt ID:	P19801
Cytogenetics:	7q36.1
Domains:	Cu_amine_oxid
Protein Families:	Secreted Protein



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Protein Pathways: Arginine and proline metabolism, Histidine metabolism, Tryptophan metabolism

MW: 85.3 kDa

Gene Summary: This gene encodes a metal-binding membrane glycoprotein that oxidatively deaminates putrescine, histamine, and related compounds. The encoded protein is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]