

Product datasheet for **RC203107L4V**

HRSP12 (RIDA) (NM_005836) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HRSP12 (RIDA) (NM_005836) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HRSP12
Synonyms:	hp14.5; HRSP12; P14.5; PSP; UK114
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005836
ORF Size:	411 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203107).
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_005836.2
RefSeq Size:	1011 bp
RefSeq ORF:	414 bp
Locus ID:	10247
UniProt ID:	P52758
Cytogenetics:	8q22.2
Domains:	ribonuc_L-PSP
MW:	14.5 kDa


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Gene Summary:

Catalyzes the hydrolytic deamination of enamine/imine intermediates that form during the course of normal metabolism. May facilitate the release of ammonia from these potentially toxic reactive metabolites, reducing their impact on cellular components. It may act on enamine/imine intermediates formed by several types of pyridoxal-5'-phosphate-dependent dehydratases including L-threonine dehydratase.[UniProtKB/Swiss-Prot Function]