

Product datasheet for **RC204812L4V**

HSPC014 (POMP) (NM_015932) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HSPC014 (POMP) (NM_015932) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HSPC014
Synonyms:	C13orf12; HSPC014; PNAS-110; PRAAS2; UMP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015932
ORF Size:	423 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204812).
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_015932.2
RefSeq Size:	1477 bp
RefSeq ORF:	426 bp
Locus ID:	51371
UniProt ID:	Q9Y244
Cytogenetics:	13q12.3
Protein Pathways:	Proteasome
MW:	15.8 kDa



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Gene Summary:

The protein encoded by this gene is a molecular chaperone that binds 20S preproteasome components and is essential for 20S proteasome formation. The 20S proteasome is the proteolytically active component of the 26S proteasome complex. The encoded protein is degraded before the maturation of the 20S proteasome is complete. A variant in the 5' UTR of this gene has been associated with KLICK syndrome, a rare skin disorder.[provided by RefSeq, Aug 2010]