

Product datasheet for RC202137L1

EAP30 (SNF8) (NM_007241) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EAP30 (SNF8) (NM_007241) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	EAP30
Synonyms:	Dot3; EAP30; VPS22
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202137).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.

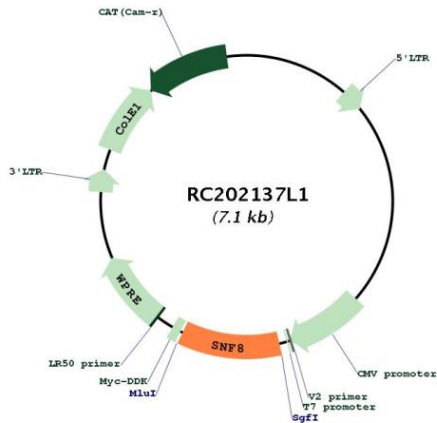
ACCN:	NM_007241
ORF Size:	774 bp



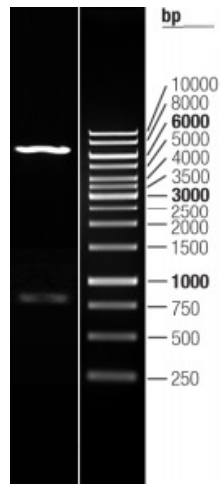
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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), 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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_007241.2
RefSeq Size:	1226 bp
RefSeq ORF:	777 bp
Locus ID:	11267
UniProt ID:	Q96H20
Cytogenetics:	17q21.32
Domains:	EAP30
Protein Families:	Transcription Factors
Protein Pathways:	Endocytosis
MW:	28.9 kDa
Gene Summary:	The protein encoded by this gene is a component of the endosomal sorting complex required for transport II (ESCRT-II), which regulates the movement of ubiquitinated transmembrane proteins to the lysosome for degradation. This complex also interacts with the RNA polymerase II elongation factor (ELL) to overcome the repressive effects of ELL on RNA polymerase II activity. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Product images:



Circular map for RC202137L1



Double digestion of RC202137L1 using SgfI and MluI