

Product datasheet for **SC115610**

EAP30 (SNF8) (NM_007241) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EAP30 (SNF8) (NM_007241) Human Untagged Clone
Tag:	Tag Free
Symbol:	EAP30
Synonyms:	Dot3; EAP30; VPS22
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007241, the custom clone sequence may differ by one or more nucleotides

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ATGCACCGCCGCGGGTGGGAGCTGGCGCCATCGCCAAGAAGAACTTGCAGAGGCCAAGTATAAGGAGC
GAGGGACGGTCTTGGCTGAGGACCAGCTAGCCCAGATGTCAAAGCAGTTGGACATGTTCAAGACCAACCT
GGAGGAATTTGCCAGCAAACACAAGCAGGAGATCCGGAAGAATCCTGAGTTCGTGTGCAGTTCAGGAC
ATGTGTGCAACCATTGGCGTGGATCCGCTGGCCTCTGAAAAGGATTTTGGTCTGAGATGCTGGGCGTGG
GGGACTTCTATTACGAAGTGGTGTCAAATTATCGAAGTGTGCCTGGCGCTGAAGCATCGGAATGGAGG
TCTGATAACTTTGGAGGAACATCAACAGGTGTTGAAGGGAAGGGCAAGTTCGCCCAGGATGTCAGT
CAAGATGACCTGATCAGAGCCATCAAGAACTAAAGGCACTTGGCACTGGCTTCGGCATCATCCCTGTGG
GCGGCACTTACCTCATTAGTCTGTTCCAGCTGAGCTCAATATGGATCACACCGTGGTGTGCAGCTGGC
AGAGAAGAATGGCTACGTGACTGTGAGTGAAGGCAAGTCTAAATGGGAGACCGAGCGAGCGCGG
CAAGTGTGGAACACCTGCTGAAGGAAGGGTGGCGTGGCTGGACTTACAGGCCCCAGGGGAGGCCCACT
ACTGGCTGCCAGCTCTTCACTGACCTTACTCCCAGGAGATTACAGCTGAGGAGGCCAGAGAAGCCCT
CCCCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007241 unedited
 CATT TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGCGGAGTCC
 GGGACGTGGAGACCCGGGGTCCCGGCAGCCGGCGGCCCGGGCCAGGGTGGGGATGC
 ACCGCCGCGGGTGGGAGCTGGCGCCATCGCCAAGAAGAACTTCAGAGGCCAAGTATA
 AGGAGCGAGGGACGGTCTTGGCTGAGGACCAGCTAGCCCAGATGTCAAAGCAGTTGGACA
 TGTTCAAGACCAACCTGGAGGAATTTGCCAGCAAACAAGCAGGAGATCCGGAAGAATC
 CTGAGTTCGGTGTGCAGTTCAGGACATGTGTGCAACCATTTGGCGTGGATCCGCTGGCCT
 CTGGAAAAGGATTTTGGTCTGAGATGCTGGGCGTGGGGGACTTCTATTACGAACTAGGTG
 TCCAAATTATCGAAGTGTGCCTGGCGCTGAAGCATCGGAATGGAGGTCTGATAACTTTGG
 AGGAACTACATCAACAGGTGTTGAAGGGAAGGGGCAAGTTCGCCCAGGATGTCAGTCAAG
 ATGACCTGATCAGAGCCATCAAGAACTAAAGGCACCTTGGCACTGGCTTCGGCATCATCC
 CTGTGGCGGCACCTTACCTCATTAGTCTGTTCCAGCTGAGCTCAATATGGATCACACCG
 TGGTGTGCAGCTGGCAGAGAAGAATGGCTACGTACTGTCAGTGTGATCAAAGCCAGTC
 TTAATGGGAGACCGAGCGAGCGGGCAGTGTGGAACACCTGTAAAGGAGGNTTNG
 CGTGCTGGACTACAGGCCCAGGNAGGCCACTACTGGCTGCCAGCTCTTCTCACTGACC
 TCTACTCCCAGAGATACAGCTGAGGAGGCCAGANAAGCCTNCCCTGACTGCATGTGGAG
 GGCCACANCANCAGGCAGGGAGGAGGCNGAGGTGGCAAATAAACTGGGCATTTTTGTNAT
 TCAAAAATAAAAAAAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007241 unedited
 ACGCAATCTAGAGTCGAGTT
 TTTTTTTTTTTATTTTTGGGAAAAACAAAATTGCCAAGTTTATTTGCCACCTCCGCCTC
 CTCCTGCCTGGTGGTGGGGCCCTTCCACATGCAGTCAGGGGAGGGCTTTTTTGGCCTC
 CTAACCTGTAATCTCTGGGAGTAAAGGTCAATGAAAAAACTGGCAGCCATTATTGGGC
 CTCCTGGGGCCTGTAAGTCCAACCAACCCCAACCTTTCTTTAAACAAGGTTCCAACAC
 TTGCCGGGCTCGCTCGGGCTCCCATTTAAAAATGGCTTTGATCTCACTGACAGTCACGTA
 ACCATTTTTTTTTTGGCAGCTGGAGCACCACGGGGGATCCATATTGAGCTCACCTGGAAC
 AAAGTGAATGAGGTAAGTGCACCCACAGGGATGATGCCCAATCCAGTGCCAAGGGCCTT
 TAATTTCTTGAAGGCTCTGATCAAGGCATCTTACTGACATCCTGGGCGAACTTGCCCTT
 TCCCTTCAACACCTGTTGATGATGTTCTTCCAAAGTTATCAAACCTCCATTCCGATGCTT
 CAACGCCAGGCACACTTCGATAATTTGGACACCTATTTTCGTAATAGAAGTCCCCACGCC
 CAGCATCTCAGACCAAAAATCCTTTTCCAGAGGCCCGGGATCCACGCAATGGTTGCACA
 CATGCTCTGGAAGTGCACGGAAGTCAAGATTCTTCCGGACTCCCGCTTGGGTTGCTGGC
 AAATCCTCAAGTTGTCTGAACAGTCCACTGTTTGAATCTGGCTACTGGCCTACCAGACCG
 CCTCTCTTAAGTGGCCTTGGAAATTTTTCTGGGATGCGCACTCCCCCGGGGGGTTCC
 CCTGGCCGGGGCCCCGTGCGGAACCCGGTTCACCTCGTCTCCCCCTTGAATTCGG

Restriction Sites:

NotI-NotI

ACCN:

NM_007241

Insert Size:

1110 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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 , NP_009172.2
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
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>