

Product datasheet for **SC210462**

PLEKHM2 (NM_015164) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PLEKHM2 (NM_015164) Human 3' UTR Clone
Symbol:	PLEKHM2
Synonyms:	SKIP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015164
Insert Size:	865 bp
Insert Sequence:	<p>>SC210462 3'UTR clone of NM_015164</p> <p>The sequence shown below is from the reference sequence of NM_015164. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGCCGAGCCTCCCGAGACCCCTGGTGCTGAGGCAGAGCTGGTTGGCGTCCCTGGTGGGCAGGAAAGGAA
GGCAGCCAGCCGGCAGGCACACTGTACGGCTGTTGTCATGCTGTCGGGAGCCTACAGTCCACCCCTG
CCCTGGGCGGCAGAACCCAGAGTGTGGCTTAAGACAGGGTCCCTCCACTCCAGGGATCCAGATCAGGT
GCCCGGCACCCCTGGGCATCCTGCCGACAGGTAGCGAATGGAGGTCGCTGGGGGCAGAGGGTCCGAGC
CCTGTGGGCTCTGCGGATGCACGCCCTCCTCCCGGCCCTCCGCCTCAGTCTGCAGATTTCTGCCGAGT
GGCACCAGAGAACACCATCCATCTAAGGACGAACAAAAGAACAGGAGGGCGGGACCCCCCTCTCTCTCT
CCTGGGTTGGGGGCTGGGGCCCTGAGTGCCAGCCATCCTTGTTCGTGTTGAACACTCTCCTGGCCAC
GTGGGGAAGCGGGAACACGGGTGTCTGCGCATGTTTCCTCCTCTAGCTCCATCACTGCGCACACAGC
TGCCTGCCTCGCCAGATGCAGGGGGCGGGCAGCCCTCCCTGGCTGCCAGGAGGCTCTGCATGCCACA
GTCCTGCCCTGCCTGTCCCCTCAACCCGGCAGTGCCTGTAGCACCAGGAGCAAGGGGGTGGATGGGG
GGCTTGAGAAAGGGCGGAGCCCACCAGCTGGCATCCATGTTGACATCTTCTGACTGTCCCCTGCTTGG
CTGGAGCCAGGCCCTTCCCTAGAGTTTCGTCAAGAGCCTCCTGGGGAAGGGGTGAGGTGGTTTGGGTTT
TGTTTTTTAAAAATAAAATAGACATGTTATATTGCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-MluI



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_015164.4</u>
Summary:	This gene encodes a protein that binds the plus-end directed microtubule motor protein kinesin, together with the lysosomal GTPase Arl8, and is required for lysosomes to distribute away from the microtubule-organizing center. The encoded protein belongs to the multisubunit BLOC-one-related complex that regulates lysosome positioning. It binds a Salmonella effector protein called Salmonella induced filament A and is a critical host determinant in Salmonella pathogenesis. It has a domain architecture consisting of an N-terminal RPIP8, UNC-14, and NESCA (RUN) domain that binds kinesin-1 as well as the lysosomal GTPase Arl8, and a C-terminal pleckstrin homology domain that binds the Salmonella induced filament A effector protein. Naturally occurring mutations in this gene lead to abnormal localization of lysosomes, impaired autophagy flux and are associated with recessive dilated cardiomyopathy and left ventricular noncompaction. [provided by RefSeq, Feb 2017]
Locus ID:	23207
MW:	30.6