

Product datasheet for **SC305126**

EPS8 like protein 3 (EPS8L3) (NM_024526) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8 like protein 3 (EPS8L3) (NM_024526) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPS8 like protein 3
Synonyms:	EPS8R3; HYPT5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC305126 representing NM_024526.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTCAAGGCCAGCAGCAGAGCCATTTACTTGCACCGGAAGGAGTACTCCAGAACCTCACCTCAGAG
CCCACCCTCCTGCAGCACAGGGTGGAGCACTTGATGACATGCAAGCAGGGGAGTCAGAGAGTCCAGGGG
CCCGAGGATGCCTTGCAGAAGCTGTTTCGAGATGGATGCACAGGGCCGGGTGGAGCCAAGACTTGATC
CTGCAGGTCAGGGACGGCTGGCTGCAGCTGCTGGACATTGAGACCAAGGAGGAGCTGGACTCTTACCGC
CTAGACAGCATCCAGGCCATGAATGTGGCGCTCAACACATGTTCTACAACCTCCATCCTGTCCATCACC
GTGCAGGAGCCGGCCTGCCAGGCACTAGCACTGCTCTTCCAGTGCCAGGAAGTGGGGCAGAGCGA
CTGAAGACCAGCCTGCAGAAGGCTCTGGAGGAAGAGCTGGAGCAAAGACCTCGACTTGGAGGCCCTCAG
CCAGGCCAGGACAGATGGAGGGGGCCTGCTATGGAAAGGCCGCTCCCTATGGAGCAGGCACGCTATCTG
GAGCCGGGATCCCTCCAGAACAGCCCCACCAGAGGACCCTAGAGCACAGCCTCCACCATCCCCAAGG
CCCCTGCCACGCCACACAGTGCCCGAGAACCAAGTGCCTTTACTCTGCCTCCTCAAGGGGCTCCTCT
TCCCCGAGGACCAGAGAGGGACGAGGAAGTGCTGAACCATGTCTAAGGGACATTGAGCTGTTATG
GGAAAGCTGGAGAAGGCCAGGCAAGACCAGCAGGAAGAAGAAATTTGGAAAAAACAAGGACCAG
GGAGGTCTCACCCAGGCACAGTACATTGACTGCTTCCAGAAGTCAAGCACAGCTTCAACCTCCTGGGA
AGGCTGGCCACCTGGCTGAAGGAGACAAGTGCCCTGAGCTCGTACACATCCTCTTCAAGTCCCTGAAC
TTCATCCTGGCCAGGTGCCCTGAGGCTGGCCTAGCAGCCCAAGTATCTCACCCCTCCTCACCCCTAAA
GCTATCAACCTGCTACAGTCTGTCTAAGCCACCTGAGAGTAACTTTGGATGGGGTGGGGCCAGCC
TGGACCACTAGCCGGGCCGACTGGACAGGCGATGAGCCCTGCCCTACCAACCCACATTCAGATGAC
TGGCAACTTCCAGAGCCCTCCAGCCAAGCACCCCTTAGGATACCAGGACCCTGTTTCCCTCGGCCCTCC
AGCCCCAAACCTGCCAGCCAGCCCTGAAAATGCAAGTCTTGTACGAGTTTGAAGCTAGGAACCCACGG
GAACTGACTGTGGTCCAGGGAGAGAAGCTGGAGGTTCTGGACCACAGCAAGCGGTGGTGGCTGGTGAAG
AATGAGGCGGGACGGAGCGGCTACATTCCAAGCAACATCCTGGAGCCCTACAGCCGGGGACCCCTGGG
ACCCAGGGCCAGTACCCTCCTCGGGTTCCAATGCTTCGACTTAGCTCGAGGCTGAAGAGGTCACAGAC
TGGCTGCAGGCAGAGAATTCTCCACTGCCACGGTGGAGCACTTGGGTCCCTGACGGGGAGCCAGCTA
CTTCGCATAAGACCTGGGAGCTACAGATGCTATGTCCACAGGAGGCCCCACGAATCCTGTCCCGGCTG
GAGGCTGTCAAAGGATGCTGGGATAAGCCCTTAG
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_024526
- Insert Size:** 1692 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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:

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_024526.3](#)

RefSeq Size: 2247 bp

RefSeq ORF: 1692 bp

Locus ID: 79574

UniProt ID: [Q8TE67](#)

Cytogenetics: 1p13.3

Protein Families: Druggable Genome

MW: 63.5 kDa

Gene Summary: This gene encodes a protein that is related to epidermal growth factor receptor pathway substrate 8 (EPS8), a substrate for the epidermal growth factor receptor. The function of this protein is unknown. Alternatively spliced transcript variants encoding different isoforms exist. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (3) uses two alternate in-frame splice junctions compared to variant 1. The resulting isoform (c) has the same N- and C-termini but is shorter compared to isoform a.