

Product datasheet for **RG203679**

EPS8 like protein 3 (EPS8L3) (NM_133181) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8 like protein 3 (EPS8L3) (NM_133181) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EPS8 like protein 3
Synonyms:	EPS8R3; HYPT5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG203679 representing NM_133181
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCAAGGCCAGCAGCAGAGCCATTTACTTGCACCGGAAGGAGTACTCCAGAACCTCACCTCAGAGC
 CCACCCTCCTGCAGCACAGGGTGGAGCACTTGATGACATGCAAGCAGGGAGTCAGAGAGTCCAGGGGCC
 CGAGGATGCCTTGCAGAAGCTGTTGAGATGGATGCACAGGGCCGGGTGTGGAGCCAAGACTTGATCCTG
 CAGGTCAGGGACGGCTGGCTGCAGCTGTGGACATTGAGACCAAGGAGGAGCTGGACTCTTACCGCTAG
 ACAGCATCCAGGCCATGAATGTGGCGCTCAACACATGTTCTACAACCTCATCTGTCCATACCGTGCA
 GGAGCCGGGCTGCCAGGCACTAGCACTCTGCTCTTCCAGTGCCAGGAAGTGGGGCAGAGCGACTGAAG
 ACCAGCCTGCAGAAGGCTCTGGAGGAAGAGCTGGAGCAAAGACCTCGACTTGGAGGCCTTACGCCAGGCC
 AGGACAGATGGAGGGGGCTGCTATGAAAGGCCGCTCCCTATGGAGCAGGCACGCTATCTGGAGCCGGG
 GATCCCTCCAGAACAGCCCCACCAGAGGACCCTAGAGCACAGCCTCCACCATCCCCAAGGCCCTGCCA
 CGCCACACCAAGTCCCGAGAACCAAGTGCTTTACTCTGCCTCCTCCAAGGCGGTCTCTTCCCCGAGG
 ACCCAGAGAGGGACGAGGAAGTGTGAACCATGTCTAAGGGACATTGAGCTGTTTATGGAAAGCTGGA
 GAAGGCCCAGGCAAAGACCAGCAGGAAGAAGAAATTTGGGAAAAAACAAGACCAGGGAGGTCTCACC
 CAGGCACAGTACATTGACTGCTTCCAGAAGATCAAGCACAGCTTCAACCTCCTGGGAAGGCTGGCCACCT
 GGCTGAAGGAGACAAGTGCCCTGAGCTCGTACACATCCTCTTCAAGTCCTGAACCTTATCCTGGCCAG
 GTGCCCTGAGGCTGGCTAGCAGCCCAAGTGATCTCACCCTCCTCACCCTAAAGCTATCAACCTGCTA
 CAGTCTGTCTAAGCCACCTGAGAGTAACCTTTGGATGGGTTGGGCCAGCCTGGACCACTAGCCGGG
 CCGACTGGACAGCGATGAGCCCTGCCCTACCAACCCACATTCTCAGATGACTGGCAACTTCCAGAGCC
 CTCCAGCCAAGCACCTTAGGATACCAGGACCCTGTTTCCCTTCGGCGGGGAAGTCATAGGTTAGGGAGC
 ACCTCACACTTCTCAGGAGAAGACACACAACCATGACCCTCAGCCTGGGGACCCCAACTCCAGGCCCT
 CCAGCCCCAAACCTGCCAGCCAGCCCTGAAAATGCAAGTCTTGTACGAGTTTGAAGCTAGGAACCCACG
 GGAAGTACTGTGGTCCAGGGAGAGAAGCTGGAGTTCTGGACCACAGCAAGCGGTGGTGGCTGGTGAAG
 AATGAGGCGGGACGAGCGGCTACATTCAAGCAACATCTGGAGCCCTACAGCCGGGGACCCCTGGGA
 CCCAGGGCCAGTACCCTCTCGGTTCCAATGCTTCGACTAGCTCGAGGCTGAAGAGGTCACAGACTG
 GCTGCAGGCAGAGAACTCTCCACTGCCACGGTGAAGACACTTGGTCCCTGACGGGGAGCCAGCTACTT
 CGCATAAGACCTGGGGAGCTACAGATGCTATGTCCACAGGAGGCCCCACGAATCCTGTCCCGGCTGGAG
 CTGTCAGAAGGATGCTGGGGATAAGCCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG203679 representing NM_133181
 Red=Cloning site Green=Tags(s)

MSRPSSRAIYLHRKEYSQLTSEPTLLQHRVEHLMTCQGSQRVQGPEDALQKLFEMDAQGRVWSQDLIL
 QVRDGLQLLDIETKEELDSYRLDSIQAMNVALNTCSYNSILSITVQEPGLPGTSTLLFQCQEVGAERLK
 TSLQKALEEELEQRPLGGLQPGQDRWRGPAMERPLPMEQARYLEPGIPPEQPHQRTLEHSLPPSPRPLP
 RHTSAREPSAFTLPPRRSSSPEDPERDEEVLNHVLRDIELFMGKLEKAQAKTSRKKKFGKKNKDQGLT
 QAQYIDCFQKIKHSFNLLGRLATWLKETSAPELVHILFKSLNFILARCPEAGLAAQVISPLTPKAINLL
 QSCLSPPESNLWMGLPAWTTSRADWTGDEPLPYQPTFSDDWQLPEPSSQAPLGYQDPVSLRRGSHRLGS
 TSHFPQEKTHNHDPPQDPNSRPSPKPAQPALKMQVL YEFARNPRELTVVQGEKLEVL D HSKRWWL VK
 NEAGRSGYIPSNILEPLQPGTPTGQGQSPSRVPMRLRSSRPEEVDWLQAENFSTATVRTLGS LTGSQLL
 RIRPGELQMLCPQEAPRILSRLEAVRRMLGISP

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_133181

ORF Size: 1779 bp

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:

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_133181.4](#)

RefSeq Size: 2329 bp

RefSeq ORF: 1782 bp

Locus ID: 79574

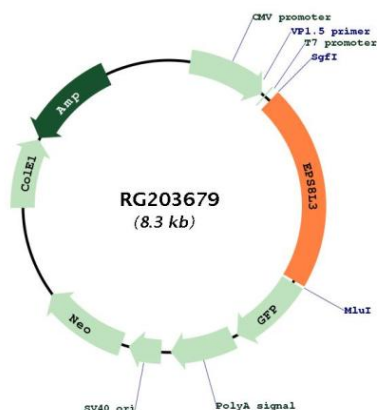
UniProt ID: [Q8TE67](#)

Cytogenetics: 1p13.3

Protein Families: Druggable Genome

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]

Product images:



Circular map for RG203679