

Product datasheet for **RG209240**

KIAA0247 (SUSD6) (NM_014734) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0247 (SUSD6) (NM_014734) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KIAA0247
Synonyms:	DRAGO; KIAA0247
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209240 representing NM_014734 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTGCCATGGCAGGATAGCACCAAAGAGCACCTCAGTGTGGCCGTGGCCTCCGTGGGACATGGAGTGT
TCCTTCCGCTAGTGATCCTTGCACCCTGCTTGGAGACGGACTTGCTTCCGTGTGCCCCCTACCACCGGA
GCCAGAGAATGGTGGCTACATCTGCCACCCCGGCCCTGCAGAGACCCCTGACAGCAGGCAGTGTCTATC
GAATACCTGTGTGCTGAAGGCTACATGTTGAAGGGCGATTACAAATACCTGACGTGAAGAATGGCGAGT
GGAACACGACCATGGAGATTAGCTGCCGTCTCAACGAGGATAAAGACACCCACACATCACTTGGGGTCCC
CAGCTGTCTATAGTGGCTTCTACTGCCAGCTCCGTGGCGCTCATTCTCCTCCTCGTGGTGTGTTGTG
CTGCTGCAGCCAAAGCTGAAGTCTTCCATCATAGCAGGCGTGACCAGGGGGTATCTGGGGACAGGTCT
CCATCATGGTGGATGGAGTCCAGGTTGCACTACCATCATACGAGGAGGCTGTATATGGCAGTTCTGGTCA
CTGTGTGCCACCTGCTGACCCAGAGTACAGATTGTGCTGTGAGAAGGTCTGGGCCCAGTGGGAGGAGC
GTGCCAAGGGAGCAACAGCTGCCGACCAAGGGGCTGCTCCTCTGCAGGTGGAGAAGATGAGGCCCCAG
GCCAGTCTGGACTATGTGAAGCCTGGGGCTCTCGGGCTCAGAGACTGTGATGGTGCATCAGGCAACCAC
CTCTTCTGGGTGGCCGGCTCAGGGAACCGCAACTGGCACACAAAGAACTGCAGATTCAGAGAACAGT
GACATACAAAGCCTTTTATCCCTCAGTCAGAGGAGTACACAGATGATATCCACTGTTGAAAGAAGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG209240 representing NM_014734
 Red=Cloning site Green=Tags(s)

MCHGRIAPKSTSVFAVASVGHGVFLPLVILCTLLGDGLASVCPLPPEPENGGYICHPRPCRDPLTAGSVI
 EYLCAEGYMLKGDYKYLCKNGEWKPAMEISCRNLNEDKDTHTSLGVPTLSIVASTASSVALILLVFLFV
 LLQPKLKSFHHSRRDQGVSGDQVSIMVDGVQVALPSYEEAVYGSSGHCVPADPRVQIVLSESGPSGRS
 VPREQQLPDQGACSSAGGEDEAPGQSGLCEAWGSRASETVMVHQATTSSWVAGSGNRQLAHKETADSENS
 DIQSLLSLTSEEYTDIPLLKEA

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_014734

ORF Size: 909 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_014734.4](#)

RefSeq Size: 5402 bp

RefSeq ORF: 912 bp

Locus ID: 9766

UniProt ID: [Q92537](#)

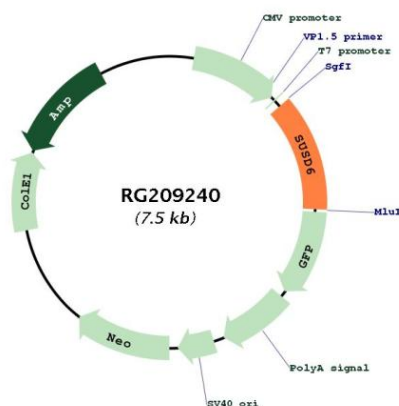
Cytogenetics: 14q24.1

Domains: CCP

Protein Families: Transmembrane

Gene Summary: May play a role in growth-suppressive activity and cell death (PubMed:24652652). May be involved in the production of chemokine molecules in umbilical vein endothelial cells (HUVECs) cultured in THP1 monocyte LPS-induced medium (PubMed:20236627). Plays a role in preventing tumor onset (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG209240