

Product datasheet for **RG204717**

IGSF6 (NM_005849) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF6 (NM_005849) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IGSF6
Synonyms:	DORA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204717 representing NM_005849 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGACTGCGAGCAGAAGCAACATCGCTCGCCATCTGCAAACCAATCTCATTCTATTTTGTGTCGGTG
CTGTGGGCGCCTGTACTCTCTGTGCACACAACCGTGGTACCTAGAAGTGGACTACACTCATGAGGCCGT
CACCATAAAGTGTACCTTCTCCGCAACCGGATGCCCTTCTGAGCAACCAACATGCCTGTGGTTTCGCTAC
GGTGCTCACCGGCCTGAGAACCTGTGCTTGGACGGGTGCAAAAGTGAGGCAGACAAGTTCACAGTGAGGG
AGGCCCTCAAAGAAAACCAAGTTTCCCTCACTGTAACAGAGTGACTTCAAATGACAGTGAATTTACAT
CTGTGGAATAGCATTCCCAAGTGTGCCGAAGCGAGAGCTAAACAGACAGGAGGAGGACCACACTGGTG
GTAAGAGAAATTAAGCTGCTCAGCAAGGAAGTGGGAGCTTCTGACAGCTCTTGTATCACTGCTCTCTG
TCTATGTGACCGGTGTGTGCGTGGCCTTCATACTCTCCTCCTCAAATCAAATCAAACCTCTAAGAAACAA
AAAAATAAAGAAGACTCACAAAAGAAGAAGAGTGTCTCGGCGTATTTTTCAGGAAATTGCTCAAGAACTA
TACCATAAGAGACATGTGGAAACAATCAGCAATCTGAGAAAGATAACAACACTTATGAAAAACAAGAG
TACTTTCCAACATGAAAGGCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG204717 representing NM_005849
 Red=Cloning site Green=Tags(s)

MGTASRSNIARHLQTNLILFCVGVGACTLSVTQPWYLEVDYTHEAVTIKCTFSATGCPSEQPTCLWFRY
 GAHRPENLCLDGCKSEADKFTVREALKENQVSLTVNRVTSNDSAIYICGIAFPSVPEARAKQTGGGTTLV
 VREIKLLSKELRSFLTALVSLLSVYVTGVCVAFILLSKSKSNPLRNKKIKEDSQKKSARRIFQEIAQEL
 YHKRHVETNQSEKDNNTYENRRVLSNYERP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_005849

ORF Size: 723 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_005849.1](#), [NP_005840.1](#)

RefSeq Size: 1019 bp

RefSeq ORF: 726 bp

Locus ID: 10261

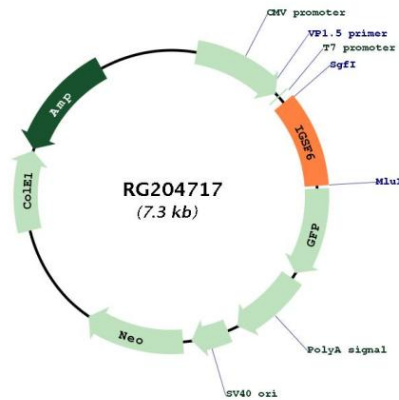
UniProt ID: [O95976](#)

Cytogenetics: 16p12.2

Domains: IGv

Protein Families: Transmembrane

Product images:



Circular map for RG204717