

Product datasheet for **RG238509**

USP30 (NM_001301175) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP30 (NM_001301175) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	USP30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238509 representing NM_001301175. Blue=ORF Red=Cloning site Green=Tag(s)

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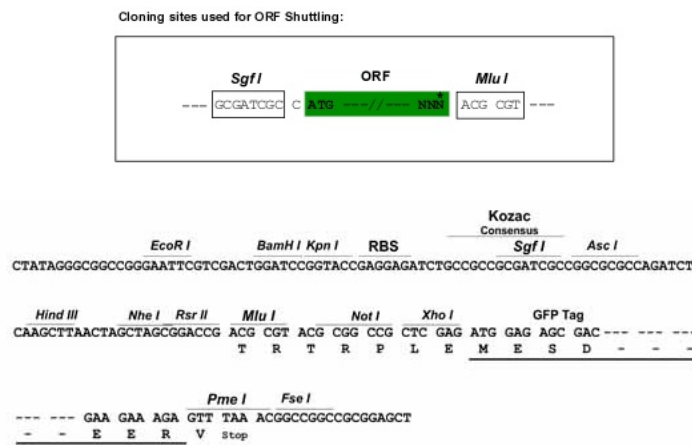
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG238509
 Blue=ORF Red=Cloning site Green=Tag(s)

MKNWGVIGGIAAALAAGIYVIWGPITERKKRRKGLVPGLVNLGNTCFMNSLLQGLSACPAFIRWLEEF
 TSQYSRDQKEPPSHQYLSLTLHLLKALSCQEVTDDEVLDASCLLDVLRMYRWQISSFEEQDAHEL FHVI
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 SEE
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 SVIFTDKIIRSNATVEHLHPMGDNDLGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001301175

ORF Size: 1458 bp

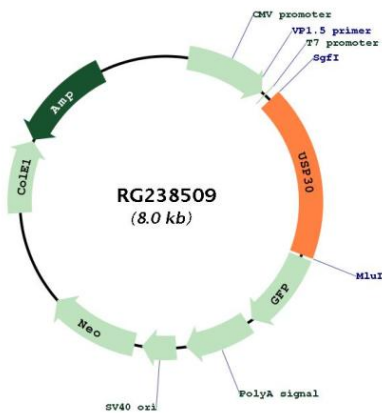
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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).

RefSeq: [NM_001301175.1](#), [NP_001288104.1](#)
RefSeq Size: 4145 bp
RefSeq ORF: 1461 bp
Locus ID: 84749
UniProt ID: [Q70CQ3](#)
Cytogenetics: 12q24.11
Protein Families: Protease, Transmembrane
MW: 55.6 kDa
Gene Summary: USP30, a member of the ubiquitin-specific protease family (see USP1, MIM 603478), is a novel mitochondrial deubiquitinating (DUB) enzyme (Nakamura and Hirose, 2008 [PubMed 18287522]).[supplied by OMIM, Dec 2008]

Product images:



Circular map for RG238509