

## Product datasheet for **RG240256**

### EDD (UBR5) (NM\_001282873) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EDD (UBR5) (NM_001282873) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EDD
Synonyms:	DD5; EDD; EDD1; HYD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240256 representing NM_001282873. Blue=ORF Red=Cloning site Green=Tag(s)

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**Protein Sequence:**

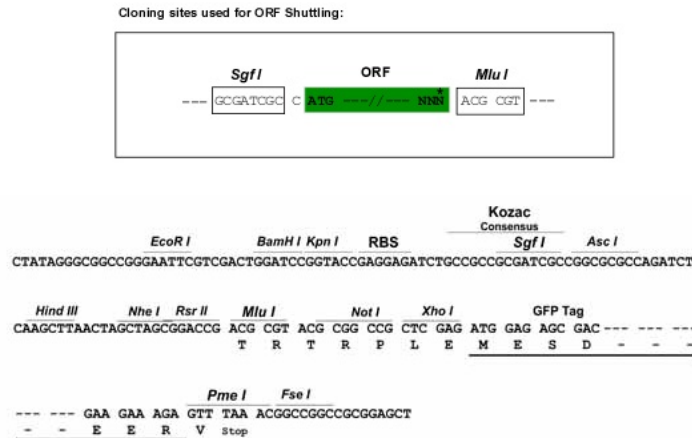
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 Blue=ORF Red=Cloning site Green=Tag(s)

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**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



**ACCN:** NM\_001282873

**ORF Size:** 8394 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\\_001282873.1](#), [NP\\_001269802.1](#)

**RefSeq Size:** 10897 bp

**RefSeq ORF:** 8397 bp

**Locus ID:** 51366

**UniProt ID:** [O95071](#)

**Cytogenetics:** 8q22.3

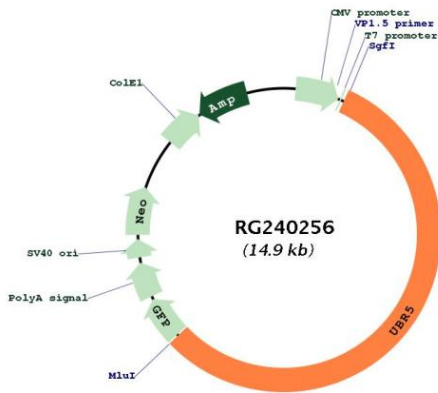
**Protein Families:** Druggable Genome

**Protein Pathways:** Ubiquitin mediated proteolysis

**MW:** 309.7 kDa

**Gene Summary:** This gene encodes a progesterin-induced protein, which belongs to the HECT (homology to E6-AP carboxyl terminus) family. The HECT family proteins function as E3 ubiquitin-protein ligases, targeting specific proteins for ubiquitin-mediated proteolysis. This gene is localized to chromosome 8q22 which is disrupted in a variety of cancers. This gene potentially has a role in regulation of cell proliferation or differentiation. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG240256