

## Product datasheet for **RG236554**

### DUSP22 (NM\_001286555) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DUSP22 (NM\_001286555) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** DUSP22  
**Synonyms:** JKAP; JSP-1; JSP1; LMW-DSP2; LMWDSP2; MKP-x; MKPX; VHX  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236554 representing NM\_001286555.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGAATGGGATGAACAAGATCCTGCCCGCCGTACATCGGCAACTCAAAGATGCCAGAGACGGC
GAACAATTGAGCAAGAACAAGGTGACACATATTCTGTCTGTCCACGATAGTGCCAGGCCTATGTTGGAG
GGAGTTAAATACCTGTGCATCCCAGCAGCGGATCACCATCTCAAACCTGACAAGACATTTCAAAGAA
AGTATTAATTCATTACGAGTGCCGGTCCGCGGTGAGAGCTGCCTTGACTGCCTGGCCGGGGTC
TCCAGGAGCGTGACTGGTGATCGCATACATCATGACCGTCACTGACTTTGGCTGGGAGGATGCCCTG
CACACCGTGCCTGGGAGATCCTGTGCCAACCCCAACGTGGGCTTCCAGAGACAGCTCCAGGAGTTT
GAGAAGCATGAGTCCATCAGTATCGGCAGTGGCTGAAGGAAGAATATGGAGAGAGCCCTTTCAGGAT
GCAGAAGAAGCCAAAAACATTCTGGGTAATAAAGGAGCAAGGGCGCACAGAGCCCAGCCCGGCC
AGGCGGTGGAGCAGTTTTCCGGCACTGGCTCCGCTGACCTACGATAAATTACGACGGAGACC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236554  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MNGMNMKILPGLYIGNFKDARDAEQLSKNKVTHILSVHDSARPMLEGVKYLCPAADSPSQNLTRHFE
SIKFIHECRLRGESCLVHCLAGVSRSVTLVIAIYIMTVDFGWEDALHTVRAGRSCANPNVGFQRQLQEF
EKHEVHQYRQWLKEEYGESPLQDAEEAKNILGKYKEQGRTEPQPQARRWSSFPALAPLTYDNYTTET
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

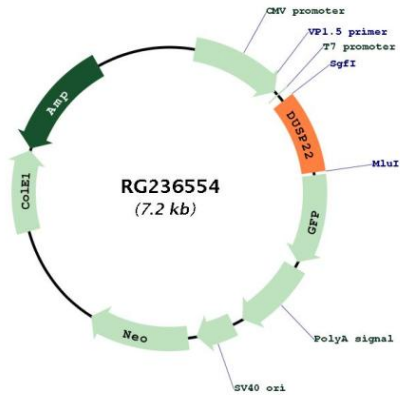
**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


- ACCN:** NM\_001286555
- ORF Size:** 615 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\\_001286555.1](#), [NP\\_001273484.1](#)
- RefSeq Size:** 3518 bp
- RefSeq ORF:** 618 bp
- Locus ID:** 56940
- UniProt ID:** [Q9NRW4](#)
- Cytogenetics:** 6p25.3
- Protein Families:** Druggable Genome, Phosphatase
- MW:** 23.7 kDa
- Gene Summary:** Activates the Jnk signaling pathway. Dephosphorylates and deactivates p38 and stress-activated protein kinase/c-Jun N-terminal kinase (SAPK/JNK) (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236554