

Product datasheet for **RG236553**

FRA1 (FOSL1) (NM_001300856) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FRA1 (FOSL1) (NM_001300856) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FOSL1
Synonyms: FRA; fra-1; FRA1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236553 representing NM_001300856.
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTCCGAGACTTCGGGAACCCGCCGAGCTCCGGGAACGGCGGGGTACGGCGGCCCGCGCAG
CCCCGGCCGAGCGCAGGCAGCCAGCAGATCAGCCGGAGGAAGAGGAGCGCCCGAGTAAGGCGC
GAGCGGAACAAGCTGGCTGCGGCCAAGTGCAGGAACCGGAGGAAGGAAGTACCGACTTCTGCAGGCG
GAGACTGACAACTGGAAGATGAGAAATCTGGGCTGCAGCGAGAGATTGAGGAGCTGCAGAAGCAGAAG
GAGCGCTAGAGCTGGTGTGGAAGCCACCGACCCATCTGCAAATCCCAGGAGCAAGGAGGGG
GACACAGGCAGTACCAGTGGCACCAGCAGCCACCAGCCCCTGCCGCCCTGTACCTTGTATCTCCCTT
TCCCCAGGGCCTGTGTTGAACCTGAGGACTGCACACCCACACTCATGACCACCCCTCCCTAACT
CCTTTCACCCAGCCTGGTCTTACCTACCCAGCACTCCTGAGCCTTGTGCCTCAGCTCATCGCAAG
AGTAGCAGCAGCAGCGGAGACCCATCCTGACCCCTTGGCTCTCCAACCCCTCGCTTTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236553
Blue=ORF Red=Cloning site Green=Tag(s)

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MFRDFGEPGPSSNGGGYGGPAQPAAAQAAQISPEEEERRRVRERENKLAAAKCRNRRKELTDFLQA
ETDKLEDEKSQLQREIEELQKQKERLELVLEAHRPICKIPEGAKEGDTGSTSGTSSPPAPCRPVPCISL
SPGPVLEPEALHTPTLMTTPSLTPFTPSLVFTYPTSTPEPCASAHKRSSSSSGDPSSDPLGSPTLLAL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites: SgfI-MluI



RefSeq:	NM_001300856.2
RefSeq Size:	1561 bp
RefSeq ORF:	618 bp
Locus ID:	8061
UniProt ID:	P15407
Cytogenetics:	11q13.1
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Wnt signaling pathway
MW:	22.4 kDa
Gene Summary:	<p>The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]</p>