

Product datasheet for SC208524

EIF5A (NM_001143762) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EIF5A (NM_001143762) Human 3' UTR Clone
Symbol:	EIF5A
Synonyms:	eIF-4D; EIF-5A; EIF5A1; eIF5AI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001143762
Insert Size:	683 bp
Insert Sequence:	>SC208524 3'UTR clone of NM_001143762 The sequence shown below is from the reference sequence of NM_001143762. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GCTGTTGCAATCAAGGCCATGGCAAAATAACTGGCTCCCAGGGTGGCGGTGGTGGCAGCAGTGATCCTC
TGAACCTGCAGAGGCCCTCCCGAGCCTGGCTGGCTCGGCCGGTCTAAGCTGGACTCCTCCTA
CACAAATTTATTTGACGTTTTATTTGGTTTTCCCAACCCCTCAATCTGTCGGGGAGCCCTGCCCTC
ACCTAGCTCCCTTGCCAGGAGCGAGCGAAGCTGTGGCCTTGGTGAAGCTGCCCTCCTCTCTCCCTC
ACACTACAGCCCTGGTGGGGGAGAAGGGGTGGGTGCTGCTTGTGGTTTAGTCTTTTTTTTTTTTTTT
TTTTAATTCAATCTGGAATCAGAAAGCGGTGGATTCTGGCAAATGGTCCTTGTGCCCTCCCACTCATC
CCTGGTCTGGTCCCCTGTTGCCTATAGCCCTTTACCCTGAGCACCACCCCAACAGACTGGGGACCAGCC
CCCTCGCCTGCCTGTGTCTCTCCCAAACCCCTTAGATGGGGAGGGAAGAGGAGAGAGGGGAGGGGA
CCTGCCCTCCTCAGGCATCTGGGAGGGCCCTGCCCATGGGCTTTACCCTTCCCTGCGGGCTCTCT
CCCCGACACATTTGTTAAATCAAACCTGAATAAACTACAAGTTAATATGAAGCCCCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001143762.2
Summary:	mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. With syntenin SDCBP, functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis. Regulates also TNF-alpha-mediated apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation. Also described as a cellular cofactor of human T-cell leukemia virus type I (HTLV-1) Rex protein and of human immunodeficiency virus type 1 (HIV-1) Rev protein, essential for mRNA export of retroviral transcripts.[UniProtKB/Swiss-Prot Function]
Locus ID:	1984
MW:	24.3