

Product datasheet for SC313244

EFCBP2 (NECAB2) (NM_019065) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFCBP2 (NECAB2) (NM_019065) Human Untagged Clone
Tag:	Tag Free
Symbol:	EFCBP2
Synonyms:	EFCBP2; stip-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313244 representing NM_019065. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGCGAGCGGGCGCGCCTGTGCAGGGCCGGCGCGCACAGGCTGCTCCGGGAGCCGCCGACGAG
GGCCGGGCGCTGGGCGGGCTGCTGCGCTGGGTGGGCGCCAGGATGGGCGAGCCCCGGGAGTCGTTGGCC
CCCCGCCGCCCGCGGACCCCGGCCAGCCTCGCCGCGCGGGGGCACCCCGCTCATCTGGACATTTTC
CGCCGTGCGGACAAAAATGATGATGGGAAGCTGTCTTTCACACGATTGACTCTGACAACCAACCATGTGGAC
GTCCTTAATGAGAAAGAACTGGAGGATCTTTTACACGATTGACTCTGACAACCAACCATGTGGAC
ACCAAGGAGCTGTGTGATTACTTTGTGGACCACATGGGTGACTATGAGGATGTCCTGGCCTCCCTGGAG
ACCTTGAATCACTCTGTCTGAAGGCCATGGGTTATACCAAGAAGGTATATGAGGGTGGGAGCAACGTG
GACCAGTTTGTGACCCGCTTCTCCTGAAGGAGACGGCCAATCAGATCCAGTCGCTGAGCTCAGTG
GAGAGTGCGGTGGAGGCCATCGAGGAACAGACCAGCCAGCTCCGACAGAACCACATCAAACCCAGCCAC
AGCGCGGCACAGACCTGGTGTGGAAGCCCCACTCCCGCTCTGCCCCCAACCACAAGCTCATGGCTATG
GAACAAGGCAAGACCTTCCATCTGCCACGAGGATGCAAAGGAAGAGGGTCTGGAAGCCAGATCAGC
CGCTTGGCAGAGCTGATTGGGAGGCTGGAGAGCAAAGCACTGTGGTTCGACCTGCAGCAGCGCCTGTCA
GATGAAGATGGCACCAACATGCACCTGCAGCTGGTCCGGCAGGAGATGGCCGTGTGCCCGAGCAACTG
AGCGAGTTTCTGGACTCTGCGCCAGTATCTGCGGGGGACCAGTGGCGTGAGAACTGCTTCCACATC
ACTGCCGTGAGGCTCTCAGATGGCTTCACTTTGTCTATGAGTTCTGGGAGACAGAGGAGGCGTGG
AAGAGGCACCTGCAGAGCCCCCTGTGTAAGGCGTTCGGGCACGTCAAGGTGGACACACTGAGCCAGCCT
GAGGCCCTCTCCAGGATCTTGGTCCAGCTGCTTGGTGCACGGTGGGACGGGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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ACCN:	NM_019065
Insert Size:	1161 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_019065.2</u>
RefSeq Size:	1636 bp
RefSeq ORF:	1161 bp
Locus ID:	54550
UniProt ID:	<u>Q7Z6G3</u>
Cytogenetics:	16q23.3
Domains:	ABM
MW:	43.2 kDa
Gene Summary:	<p>The protein encoded by this gene is a neuronal calcium-binding protein that binds to and modulates the function of at least two receptors, adenosine A(2A) receptor and metabotropic glutamate receptor type 5. [provided by RefSeq, Jul 2016]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>