

Product datasheet for **SC333010**

XPO6 (NM_001270940) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: XPO6 (NM_001270940) Human Untagged Clone
Tag: Tag Free
Symbol: XPO6
Synonyms: EXP6; RANBP20
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333010 representing NM_001270940.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGACAGAATTTTTTCACGATTGTACAACCAATGAAAGAAAACGTGAGATAGAGGAGCTTCTTAATAAC
TTTGCCAGCAAATAGGAGCCTGGAGATTCTGCCTGTACTTTCTCTCCAGCACTAGGAATGACTATGTA
ATGATGTACAGTTAACAGTTTTGAGAATCTGATCAATAAAATGTGGCTTGGGGTCCCCTCAGGAT
AAGATGGAATCCGTAGCTGTCTGCCAACTCCTTTGGCTCACCATAAAACCTTACCTTACTTTATC
CGGAACAAGCTCTGCAAAGTTATTGTTGATATTGGACGTCAGGATTGGCCATGTTCTACCAGACTTT
TTTACTAACATTTTACAGTTGATCCAGTCCCCTGTGACAACCCCTTGGGCTGATCATGTTGAAGACA
ACTTCAGAAGAGCTGGCTTGTCCCGTGAGGACCTCAGTGTGGCTCGGAAGGAGGAGTTGCGGAAGCTG
CTACTGGACCAGGTGCAGACAGTCTGGGCTACTGACAGGTATCTTGGAGACTGTCTGGGACAAACAC
AGTGTTACTGCTGCCACTCCACCACCATCCCCGACCTCAGGAGAAAGTGGTGACTTACTGAGTAACCTG
TTGAGAGTCCCAGTTACGCCAACTGTTGAATCAGCCAATCCCATCCTTGATGTGGAGAGTGAGTAT
ATCTGTTCCCTGGCTTTGGAGTGCTGGCCATCTCTTCAGTTGGATTCTCTGTCTGCCAGCATCACC
CCATCCCTCCTTACCACCATCTCCACTTTGCACGATTTGGCTGTGACATCCGGGCCAGAAAGATGGCG
TCAGTTAACGGCAGCAGCCAGAAGTGTCTCGGGTCAGGAGCGCGCCGGCTGGGGTCTTGGCCATG
TCCTGCATCAATGAACTCATGTCCAAGAACTGTGCCTATGGAATTTGAGGAGTATTTACTGCGTATG
TTCCAGCAGACTTTCTACCTCCTGCAGAAAATCACCAGGATAACAATGCCACACAGTGAAGAGCAGG
CTAGAAGAGCTCGATGAGAGCTATATCGAGAAGTTTACTGACTTTCTTCCGCTCTTTGTGAGTGTTAC
CTAAGAAGAATCGAGTCTTACTCCAGTCCCTGTGGTGGAGTTTTTGACACTTTTGTCAAGTACACA
TTTCATCAGCCTACTCATGAAGTTACTTCTTGTGGGATATCTGGACGCTGTTTTGGACTATCTG
ACAAGTAAAATTTAAAGTCGTCTTGAGACAAGGAAGCAGTTCTCAACAGGTACGAAGATGCCCTGGTG
CTCCTGCTCACAGAGGTGTTGAATCGAATCCAGTTCAGATAACAACCAAGCCAGCTGGAGGAGTTGGAT
GATGAGACTCTGGATGACGATCAGCAGACGGAGTGGCAGCGGTACTTACGGCAGAGCTTGGAGGTGGT
GCCAAAGTGATGGAGCTCTGCCACGCACGCCTTCTCCACTGTTCCCTGTTCTCAGGACAATTTA
GAAGTTTATTTGGGATTACAACAGTTTATAGTCACTTCAGGGTCAGGACACAGGTTGAACATCACGGCG
GAGAACGACTGCCGGCGGCTGCACTGCTCCCTGAGAGACTTGAGCTCCCTGCTGCAGGCCGTGGGCCG
CTGGCCGAGTACTTTATCGGGATGTGTTTGTGCACGGTTCAATGATGCCCTCACAGTCGTGAAAGG
TTGGTCAAAGTCACTCTGTACGGATCTCAGATAAAATTGTACAACATTGAAACTGCTGTGCCATCAGTA
TTGAAACCTGACCTCATTGATGTGCATGCTCAGTCCCTGGCTGCGCTGCAGGCTTACTCTCACTGGTTA
GCACAGTATTGCAGTGAAGTTCACGGCAGAACACGCAGCAGTTCGTGACACTCATCTACTACCATG
  
```



[View online »](#)

GATGCAATCACACCTCTAATCAGCACCAAGGTCCAAGACAAGCTGCTGCTATCTGCGTGCCACTTACTG
 GTCTCACTGGCCACCACCGTGCGGCCCGTCTTTCTGATCAGCATCCCTGCAGTGCAGAAAGTATTCAAC
 AGAATCACTGATGCCTCTGCCCTGCGACTTGTGCGATAAGGCCAGGTGTTGGTGTCCGAGCCCTCTCT
 AACATCTTGCTGCTTCCGTGGCCAAACCTTCCAGAGAATGAGCAGCAGTGGCCCGTGCCTCCATCAAC
 CACGCCAGCCTCATCTCTGCACTCTCCCGGACTATCGCAACCTGAAGCCCAGTGTCTGCCCCACAG
 AGAAAGATGCCACTGGATGACACCAAACCTGATTATCCACCAGACACTCAGCGTCTTAGAAGATATTGTG
 GAGAATATCTCGGGGAGTCCACCAAGTCTCGACAGATTTGCTACCAGTGCCTGCAGGAATCTGTTTCAG
 GTCTCCCTGGCCCTCTTCCAGCTTTTATCCATCAGTCAGATGTGACTGATGAGATGCTGAGCTTCTTC
 CTCACTCTGTTTCGAGGCCTTAGAGTACAGATGGGTGTGCCTTTCACTGAGCAAATCATACAGACTTTC
 CTCAACATGTTTACCAGAGAGCAGTTAGCCGAGAGCATCTCCACGAGGGCAGCAGAGGCTGCCGGGTG
 GTGGAGAAGTTTCTGAAGATCCTGCAGGTGGTGGTCCAGGAGCCAGGCCAGGTGTTCAAGCCCTTCTC
 CCCAGCATCATCGCCCTGTGCATGGAGCAAGTGTATCCCATATTGCCGAGCGTCCCTCCCTGATGTG
 AAGGCCGAGCTGTTTGTGCTCTTTCCGGACGCTCCATCACAACCTGGAGGACTTCTTCAAGTCCACC
 GTGCTGGCCAGTGTCCAGAGGGGATCGCTGAGGAGCAGATGGAGAATGAGCCCCAGTTCAGTCCATC
 ATGCAGGCTTTCCGACAGTCTTTCTCCAGCCGACATCCACCTTTTTAAACAAAATCTCTTCTACTTG
 GAGACTCTCAACACCAAGCAGAAGCTGTACCACAAGAAGATCTTCCGGACTGCCATGCTGTTCCAGTTT
 GTGAACGTGCTGCTCCAGGTCTGGTCCACAAGTCCCATGATCTTCTGCAGGAGGAGATTGGCATCGCC
 ATCTACAACATGGCCTCAGTCGACTTTGATGGCTTCTTTGCCGCTTCTCCAGAGTTCCTGACCAGC
 TGTGATGGTGTGGATGCCAACGAAAAGTGTGCTGGGGCGGAATTTCAAGATGGATCGGGACCTGCC
 TCATTCACCCAGAATGTGCACAGGCTGGTCAACGACCTGCGCTACTACAGACTCTGCAACGACAGCCTG
 CCCCTGGCACTGGAAGCTC**TAG**

Restriction Sites: Sgfl-Mlul

ACCN: NM_001270940

Insert Size: 3336 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).

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:

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: [NM_001270940.1](#)

RefSeq Size: 4640 bp

RefSeq ORF: 3336 bp

Locus ID: 23214

UniProt ID: [Q96QU8](#)

Cytogenetics: 16p12.1

MW: 127.4 kDa

Gene Summary: The protein encoded by this gene is a member of the importin-beta family. Members of this family are regulated by the GTPase Ran to mediate transport of cargo across the nuclear envelope. This protein has been shown to mediate nuclear export of profilin-actin complexes. A pseudogene of this gene is located on the long arm of chromosome 14. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Aug 2012]
Transcript Variant: This variant (1) represents the longer transcript and encodes isoform (1).