

Product datasheet for **SC327592**

GPR75-ASB3 (NM_001164165) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	GPR75-ASB3
Synonyms:	ASB-3; ASB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >SC327592 representing NM_001164165.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGATGATGCCTCTAGTCCTGCATCATCCAGAGCGGCAGGCGGAGCTGGGGTCCGACTGCGAGAT
GGAGGAGGGGCGCGCTGCGGCCACCCGCGAGACTGGTCAACAAATGGATTTTACAGAGGCTTACGCG
GACACGTGCTCTACAGTTGGACTTGTGTCAGGGAAGGCAATGTTAAAGTCTTAAGGAACTGCTCAAA
AAGGGCCGAAGTGTGATGTTGCTGATAACAGGGGATGGATGCCAATTCATGAAGCAGCTTATCACAAC
TCTGTAGAATGTTGCAAAATGTTAATTAATGCAGATTATCTGAAAACATACATTAAGATGAAGACCTTT
GAAGGTTTCTGTGCTTTGCATCTCGCTGCAAGTCAAGGACATTGAAAAATCGTACAGATTCTTTAGAA
GCTGGGGCAGATCCTAATGCAACTACTTTAGAAGAAACGACACCATTGTTTTAGCTGTTGAAAAATGGA
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TGGAATCCTTGCACAGGCTCTTTTTCAGGAAAATGCTGAGATCATAAAATGCTTCTTAGAAAAGGA
GCAACAAGGAATGCCAGGATGACTTTGGAATCACACCTTTATTTGTGGCTGCTCAGTATGGCAAGCTA
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GCCCAGGCGTGCCTTGTGTTTGGATTGCTTCTCTGTGTGATGGCTTTCCAAAAGGACTGTGAGTTC
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GCCTCAAACGCTTGGATTCTACAGCAACATATTGCCACTGTCCATCCCTGACCCATCTTTGCTGTTG
GAAATTCGGTCCAGTCTAAATCAGAACGCTACGGTCTGACAGTTATATTAGTCAGCTGCCACTTCCC
AGAAGCTACATAATTATTTGCTCTATGAAGACGTTCTGAGGATGTATGAAGTCCAGAACTGGCAGCT
ATTCAAGATGGATAA
ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001164165

Insert Size: 1671 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001164165.1</u>
RefSeq Size:	2007 bp
RefSeq ORF:	1671 bp
Locus ID:	100302652
UniProt ID:	<u>Q9Y575</u>
Cytogenetics:	2p16.2
MW:	61.8 kDa
Gene Summary:	This locus represents naturally occurring read-through transcription between the neighboring GPR75 (G protein-coupled receptor 75) and ASB3 (ankyrin repeat and SOCS box containing 3) on chromosome 2. The transcript includes exons from both GPR75 and ASB3 and translation initiates in the 5' non-coding exon of GPR75. The resulting protein has a novel N-terminus but is otherwise identical to that encoded by ASB3.[provided by RefSeq, Feb 2011]