

Product datasheet for **RC235158**

BAT3 (BAG6) (NM_001199698) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BAT3 (BAG6) (NM_001199698) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: BAG6
Synonyms: BAG-6; BAT3; D6S52E; G3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC235158 representing NM_001199698
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCC**CGATCGCC**

ATGGAGCCTAATGATAGTACCAGTACCGCTGTGGAGGAGCCTGACAGCTTGGAGGTGTTGGTGAAGACCT
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CTGATGATCCT
    
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Protein Sequence:

>RC235158 representing NM_001199698

Red=Cloning site Green=Tags(s)

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MEPNSTSTAVEEPDSLEVLVKTLDSQTRTFIVGAQMNVEKFEKHEIAASVSIPSEKQRLIYQGRVLQDDK
KLQEYNVGGKVIHLVERAPPQTHLPSGASSGTGSASATHGGGSPPGTRGPGASVHNRNANSYVMVGTFFNL
PSDGSADVHINMEQAPIQSEPRVRLVMAQHMRDIQTLLSRMECRGGPQPHSQPPPQPPAVTPEPVAL
SSQTSEPVSEAPPREPMEAEVEERAPAQNPELTPGPAPAGPTPAPETNAPNHPSPAAYVEVLQELQRL
ESRLQPFQRYYEVLGAAATTDYNNNHEGREEDQRLINLVGESLRLGNTFVALSDLRCNLACTPPRHLH
VVRPMSHYTTPMVLQAAIPIQINVGTTVTMTGNGTRPPPTPNAEAPPPGPGQASSVAPSSTNVSSAEG
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_001199698.1, NP_001186627.1</u>
RefSeq Size:	3643 bp
RefSeq ORF:	3234 bp
Locus ID:	7917
UniProt ID:	<u>P46379</u>
Cytogenetics:	6p21.33
Protein Families:	Druggable Genome, Stem cell - Pluripotency
MW:	113.9 kDa
Gene Summary:	This gene was first characterized as part of a cluster of genes located within the human major histocompatibility complex class III region. This gene encodes a nuclear protein that is cleaved by caspase 3 and is implicated in the control of apoptosis. In addition, the protein forms a complex with E1A binding protein p300 and is required for the acetylation of p53 in response to DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]