

Product datasheet for **MC228542**

Gbp7 (NM_145545) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbp7 (NM_145545) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gbp7
Synonyms:	9830147J24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228542 representing NM_145545
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCTGGTCCCAACATGGAGGCTCCTGTGTGCCTAGTGAAAAATGAGAATGAAGAAGTGGGGTGA
 ACTCCAAAGCAATAAACATTCTTGAGAGGATCACTCAGCCTGTAGTGGTGGTGGCCATTGTAGGACTATA
 CCGTACGGGAAAAATCCTACTTGATGAACCGCTTGGCAGGACAGAACCATGGCTTCAATCTGGCACCACA
 GTTAGGCTGAAACTAAGGGCATCTGGATGTGGTGTGTGCCTCACCCAGCAAGCCCAAGTTCACACTCG
 TGCTTCTGGACACGGAGGGCTTAGGAGATGTGGAAAAGGGTGACCCTAAGAATGACTCGTGGATCTTCGC
 CCTGGCTGTGCTTCTGAGCAGCACCTTTGTCTACAACAGCATGAGCACCATCAACCACAGGCCCTGGAG
 CAGCTGCACTATGTCACAGAAGTACAGAGCGGATCAGGGCAAAGTCCACTTCACGGTCTGAAGAAGTGG
 ATGACTCTGATGAGTTTGAAGTTTCTTCCAGATTTTATCTGGACTGTTTCGAGATTTCTGTTCTGGAGCT
 GAAGTTAGAGGGACGTGTCATCACAGCAGACGAGTACCTAGAAAAATGCCCTGAAGCTGATCCAGGCATG
 AGTATCAAAGCCAGAAAGCTAACTTGCCTAGGGAATGCATCAGGCACTTCTTTCCAAGACGGAAGTGT
 TTGCTTTTGATCGACCTACAAAAGACAAAAGAACTTTTAGTGCATGTTGAGGAAATGCCAGAGGACCAGTT
 GGATCACAGTTTCCAAGTGCAGTCAAAAGAATTCTGTTCTACATCTTCTCCAATTCGAAGGCCAAGACC
 TTGAAAGAGGGAATCGTTGTCAATGAAACCGACTGGCGACTCTGGTGCAGCCTACGTGGATGCTATCA
 ATAGTGGAGACGTGCCGTGTTTAGAGAACGCAGTAACAACCTGGCCAGCGTGAGAAGTCCATAGCTGT
 GCAGAAGCAGCTGACCACTACAGTGCAGATGGCCAGCGAATGAGGCTCCCCACAGACACGCTCCAG
 GAGCTGCTGACTGTGCATACAGCCTGTGAGAAGGAAGCCATTGCTGTCTTCATGGAGCACTCCTTCAAGG
 ATGAGAATCAGCAATCCAGAAGAAGTGGTGGTCAACATAGAGGAAAAAAGGAAGATTTCTGCGACA
 GAATGAAGCAGCGTCTCTCAGTCACTGCCAGGCTGAGCTGGACAAGCTCTCAGAGTCCCTGAGGGAGAGC
 ATCTCACGTGGAGTTTTCTGTTCTGGGGTGCAGGCTCTACTTAGAGGCCAGGAAGAAGGTTGAAC
 AGGACTATGAGCGAGTGCCAGGAAGGAGTGAAGGCAAATCATGTCCTTCAGAGCTTCTACAGTCACA
 GATTTCCATTGAGGACTCCATTATGCAGTCAGACAAAGCCCTCACTGATGGCCAGAAGGCCATGGAAGCT
 GAGCGAGCTCAGAAGGAGGAGCTGAGAAGGAGCAGGAGCTACTAAGACAGAAACAGAAGGAGCTGCAGC
 AGGTGATGGAAGCTCAAGAGAGAAGCTACAAGGAAAATGTGGCCAGCTGCAGGAGAAGTGGAGACAGA
 AAGGAAGAACATCCTGAGAGAGCAAGAGGTGAAGCTGGAACACAAGTTGAAGATTCAAAAAGACATGCTT
 AATGAGGGATTTAAAAGGAAATGTGAAGCAATGGATTTGGAGATAAGTCAACTACAAAAAGAGATTAAC
 TAAATAAGGAGAAGAATAGCTCATTGGGTGCAAAAATCCTTGATGGGTTGGAGATGATTAATTTCACT
 AGTGCCTGGTTCTGGTAAGTACTTTGGTCTAGGTTGAAAATATTAAGCAGCCAAATGAATCAGACACAG
 AATTCAGACAAAGTTAGAAAAC**CTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_145545

Insert Size: 1917 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_145545.4, NP_663520.2</u>
RefSeq Size:	5622 bp
RefSeq ORF:	1917 bp
Locus ID:	229900
Cytogenetics:	3 H1