

Product datasheet for **MC220795**

Tbc1d8 (BC005421) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d8 (BC005421) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d8
Synonyms:	HBLP1, VRP, AD3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC005421
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCAGCTGGCAGATGTCACGCTCCGAGGCTGCTGGACAACGAGGTTTTTGATCTTGACCCCGACC
 TGCAGGAGCCTAGCCAGATCACAAAGAGGGACCTGGAGGCCAGAGCACAGAACGAGTTCCTCCGGGCTTT
 CTTCAGGCTGCCGAGGGAGGAGAAGCTGCACGCTGTGGCAGACTGTTCCCTCTGGACGCCCTTCAGTCGC
 TGCCACACAGCCGGACGGATATTCTCTCTGACAGCTACATCTGCTTTGCCAGCAGAGAGGATGGCTGCT
 GTAATGTTGTGCTTCCCCTGAGAGAGGTAGTGAGCATTGAGAAGATGGAAGACACGAGCCTGCTGCCAA
 CCCCATCATCGTGAGCATCCGCAGCAAGATGGCCTTCCAGTTCATTGAGCTCAAGGACAGAGAGAATTG
 GTGGAGGGCTGCTGCTGAGACTGAAGCAGGTCCACGCCAACCCCTGTGCACTATGAGACCTCGCCAA
 GTGATGATGACATGGCTTCACTGTGTTTTACTCAGCAAGCATCTGCACTGACAAGTTTGGGGATCTTGA
 GATGGTGGCTTCTCAAAGTAGCGAAGAGAGAGAGGAGAAGCGCCCTGCCACACCCCGAGCCCTGACT
 GCCGTCTTCCAGCAGTCTGGCAGCCAGAGCCCGACTCCCGCCTGTCCCGGGAACAGATAAAAAATCAGTC
 TGTGGAACGACCACTTTGTAGAGTACGGCAGGACCGTGTGCATGTTCCGCACTGAAAAGATCCGGAAGCT
 GGTGGCCATGGGGATCCCGAGTCGTTACGTGGAAGGCTGTGGCTGCTTTTCTCAGATGCTGTGACGGAC
 CTGGCCTCACACCCTGGGTAATGGAATCTGGTGGAGCAGTCTCTGGGGCGCTGCTGCCTGGTGACAG
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 ATCCTGACCTCTGTGTTGCTGCTGTATGCCAAAGAGGAGGAAGCCTTCTGGCTGCTGGTGTGTTGAGG
 AGCGGATGCTGCCTGATTACTTCAACCACCGGGTATTGGGGCTCAGTGGACCACTGTGTTTGGAGG
 GCTCATCAAGGAGCAACTCCAGAGCTGGCGGAGCACATGAGCGACCTCTCGGCGTTAGCGTCCATCTCC
 CTCTCCTGGTTCCTGACTCTGTTCTCAGCATCATGCCGCTGGAGAGTGTGTGCACGCTGTTGACTGCT
 TCTTCTACGATGGGATCAAGGCCATCTTCCAGCTGGGGCTGGCTGTGCTGGAAGCCAATGCAGAGGAACT
 GTGCAGTAGCAAAGATGACGGACAGGCCCTGATGGTCCTCAGCAGGTTTCTAGATCACATTAAGAATGAA
 GACAGCCCGGGCCCCCATTGGCAGCCACCATGCCTTTTTCTCTGATGATCAGGAGCCATATCTGTGA
 CCGACATTGCTGACCTGATCCGGGACTCCTATGAGAAATTTGGAACCAGTCTGTGGAGCAGATTGAACA
 TCTACGCTGCAAGCACAGGATCAGGTCCTGCAAGGACACGAGGACACCACCAAGCAGAATGTGCTCCGT
 GTCGTTATCCCAGAAGTCTCCATTTCTTCTGAAGACCTTGAGGAACTCTATGACTTATTCAGAGAGCAC
 ACATGATGAGCTGTTACTGGGAGCACCACAGGCCATGGCCCTGCGCCATGATCCAGCAGGCCCTATGC
 TGAACAGTACCGCATCGATGCCCGCAGTTTGCACACCTATTCCAGTTGGTATCGCCATGGACCTGTGGG
 GTCCATACAGAGATCCTTGTGAGAGGCTTTCAGGCTTCTGGACGACAACATGGACCAGCTCATAGAGT
 TCAAAGCCTTCAAGCTGTCTAGACATCATGTACAATGGAGAAATGAACGAGAAGATTAAGCTGCTGTA
 CAGGCTTCATATCCCCCAGCACTCACTGAAAATGACAGAGATAGCCAGTACCATTGAAGAATCCTCTG
 TTGTCAACTTCAAGACCCTGGTCCCTGGGCAAACCCAATGGTGACACAATTGACTATCAGAAACAGCTGA
 AACAGATGATTAAGGATTTAGCCAAAGAAAAGGATAAAATGGAGAAAGAGTTGCCAAAAATGAGTCAGAG
 AGAATTTATCCAGTTCTGTAAAACCTGTACAGTATGTTCCATGAAGATCCAGAGGAAAAATGACCTGTAT
 CAAGCCATTGCCACAGTAACCACTCTGCTACTGCAGATTGGAGAAGTGGGCCAGCGAGGTAGCAGTTCAG
 GAAGCTGCTCCCAAGAATGTGAGGAGCCGAGGCCCTCGGCTCCTCCGAACAGGACTCAGTTTTTGTGTA
 GGCTGGAAGAGTCCCCAGGCCCTCCCCGAGACTGAAGGGGACTGGACTGTGCCCTTGAACATATTTTG
 GCATCCCTTCTCACTGAGCAGTCACTGGTGAATTTTTTTGAAAAGCCACTCAACATTAATCCAACTTG
 AAAACGCCAAGCTCAATCAGTACAGTCTCAAAGTTTTGGAATGAGCCACCCACCACAGGCAGAAGTGA
 GCTCAATGACCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC005421

Insert Size:	2781 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:	<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>BC005421</u> , <u>AAH05421</u>
RefSeq Size:	3431 bp
RefSeq ORF:	2675 bp
Locus ID:	54610
Cytogenetics:	1 B
Gene Summary:	May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]