

Product datasheet for RC221221

BLOC1S3 (NM_212550) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BLOC1S3 (NM_212550) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: BLOC1S3
Synonyms: BLOS3; HPS8; RP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC221221 representing NM_212550
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTCCCAGGGTCGTCGGCGGAGGCCCTGCGGAGGCCGGAGACGGTGGTCCGGGGGAGGCGACCG
 AGACGGATTCGAGCGCTCTGCGTCTCGTCGGAGGAGGAGCTGTACCTGGGTCCTTCGGGCCCGAC
 GCGCGGCCCGCCACGGGGCTGCGGGTGGCTGGGAAGCCGCGGAGACCGACTCGGAGCCGAGCCGGAG
 CCGGAACCGACGCGCCGCGGAGGGACCTGCCTCCACTCGTGGTGCAGCGGAATCGGCGGAGGAGCCT
 GGGCACGGAGGAGCCCGCGCCCGCCCGCGCGCTCGCTCTGCAACTTCGGCTGGCGGAGAGCCA
 GGC CGGCTGGACCACGACGTGGCGGCCCGGTGAGCGGTGTCTACCGCGTGCAGGCCGCGACGTGGCC
 GCCCTGGCTAGTAGGCTGGCGGAGCCAGCGCGGGGCTGGCGCGGCCACAGCGTGCGCCTGGCGC
 GCGGGACCTTTGTGCGCTGGCCGAGCGTCTGGACATCGTGGCTGGCTGCCGCTGCTGCCGGACATCCG
 CGGCGTCCAGGGACCGACCTGAGAAAGACCCGGGGCCCGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC221221 representing NM_212550
 Red=Cloning site Green=Tags(s)

MASQRRRRPLRRPETVVPGEATETDSERSASSSEEEELYLGPSGPTGRPTGLRVAGEAAETDSEPEPE
 PEPTAAPRDLPLLVVQRESAEEAWGTEEPAPAPARSLQLRLAESQARLDHDVAAVSGVYRAGRQDVA
 ALASRLAAQAAGLAAAHSVRLARGDLCALAERLDIVAGCRLLPDIRGVPGTEPEKDPGPRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

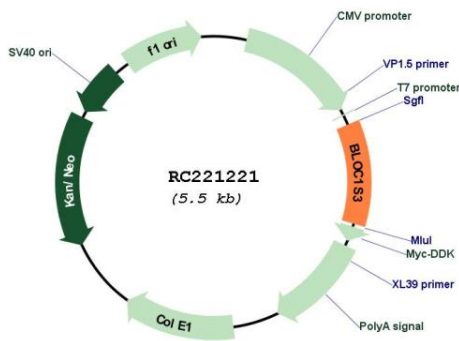


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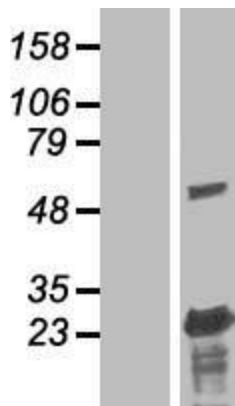
UniProt ID: [Q6QNY0](#)
 Cytogenetics: 19q13.32
 MW: 21.1 kDa

Gene Summary: This gene encodes a protein that is a component of the BLOC1 multi-subunit protein complex. This complex is necessary for the biogenesis of specialized organelles of the endosomal-lysosomal system, including platelet dense granules and melanosomes. Mutations in this gene cause Hermansky-Pudlak syndrome 8, a disease characterized by lysosomal storage defects, bleeding due to platelet storage pool deficiency, and oculocutaneous albinism. [provided by RefSeq, Jul 2008]

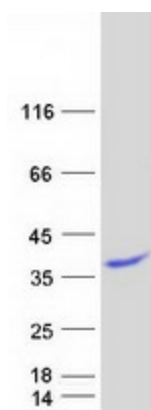
Product images:



Circular map for RC221221



Western blot validation of overexpression lysate (Cat# [LY403894]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC221221 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified BLOC1S3 protein (Cat# [TP321221]). The protein was produced from HEK293T cells transfected with BLOC1S3 cDNA clone (Cat# RC221221) using MegaTran 2.0 (Cat# [TT210002]).