

Recombinant Human Biogenesis of Lysosomal Organelles Complex-1, Subunit 2, His-tagged

Cat. No. BLOC1S2-6767H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant humanBLOC1S2 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography techniques
Species	Human
Source	E.coli
Description	BLOC1S2 (Biogenesisof lysosome-related organelles complex 1 subunit 2) belongs to the BLOC1S2family. BLOC-1 or biogenesis of lysosome-related organelles complex 1 is aubiquitously expressed multisubunit protein complex. BLOC-1 is required fornormal biogenesis of specialized organelles of the endosomal-lysosomalsystem, such as melanosomes and platelet dense granules. This protein plays arole in cell proliferation.
Form	Liquid. In 20 mM Tris-HClbuffer, pH8.0, 10% glycerol, 1mM DTT, 50mM NaCl
Molecular Weight	18.5kDa (166aa),confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
Purity	> 85% by SDS -PAGE
Concentration	1mg/ml (determinedby Bradford assay)
Sequences of	MGSSHHHHHHSSGLVPRGSH MGSHMAAAAE GVLATRSDEP ARDDAAVETA

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aminoacids EEAKEPAEAD ITELCRDMFS KMATYLTGELTATSEDYKLL ENMNKLTSLK
YLEMKDIAIN ISRNLKDLNQ KYAGLQPYLD QINVIEEQVA
ALEQAAYKLDAYSKKLEAKY KKLEKR

Storage Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Official Symbol BLOC1S2

Synonyms BLOC1S2;biogenesis of lysosomal organelles complex-1, subunit 2; BLOS2;RP11-316M21.4; biogenesis of lysosome-related organelles complex 1 subunit 2;BLOC-1 subunit 2; centrosomal 10 kDa protein; centrosome protein oncogene;centrosome-associated protein; FLJ30135, MGC10120; CEAP; OTTHUMP00000020281;centrosomal 10 kDa protein; OTTHUMP00000020282

Gene ID [282991](#)

mRNA Refseq [NM_173809](#)

Protein Refseq [NP_776170](#)

MIM [609768](#)

UniProt ID [Q6QNY1](#)

Chromosome Location 10q24.31

Function gamma-tubulin binding; protein C-terminusbinding; protein binding

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