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## Product Data Sheet

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Product Name: BLOC1S2 Human  
 Cat. No.: GP22886  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Biogenesis of lysosomal organelles complex-1 subunit 2; BLOS2; BLOC-1 subunit 2; Centrosome-associated protein; centrosome protein oncogene; centrosomal 10 kDa protein; RP11-316M21.4; CEAP; FLJ30135; MGC10120.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAAAE GVLATRSDEP ARDDAAVETA EEAKEPAEAD ITELCRDMFS KMATYLTGEL TATSEYKLL ENMNKLTSLK YLEMKDIAN ISRNLKDLNQ KYAGLQPYLD QINVIEEQVA ALEQAAYKLD AYSKKLEAKY KKLEKR		
Formulation	The BLOC1S2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl, 1mM DTT and 10% glycerol.		

### Introduction

BLOC1S2 is a member of the BLOC1S2 family. Biogenesis of lysosome-related organelles complex 1 or BLOC-1 is a universally expressed multisubunit protein complex which is essential for regular biogenesis of specialized organelles of the endosomal-lysosomal system, like melanosomes and platelet dense granules. BLOC1S2 takes part in cell proliferation.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

BLOC1S2 Human Recombinant produced in E. coli is a single polypeptide chain containing 166 amino acids (1-142) and having a molecular mass of 18.5kDa. BLOC1S2 is

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fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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