

## BLOC1S2 Human

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

**Catalog #:** PRPS-1101

For research use only.

**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.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMAAAAE GVLATRSDEP  
ARDDAAVETA EEAKEPAEAD ITELCRDMFS KMATYLTGEL TATSEYKLL ENMNKLTSLK  
YLEMKDIIN ISRNKDLNQ KYAGLQPYLD QINVIEEQVA ALEQAAYKLD AYSKKLEAKY  
KKLEKR

**Purity:** Greater than 85% as determined by SDS-PAGE.

**Formulation:**

The BLOC1S2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl, 1mM DTT and 10% glycerol.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

**To place an order, please [Click HERE](#).**