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BLOC1S2 Human

Catalog #:PRPS-1101

For research use only.

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.

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 MGSHMAAAAE GVLATRSDEP ARDDAAVETA EEAKEPAEAD ITELCRDMFS KMATYLTGEL TATSEDYKLL ENMNKLTSLK YLEMKDIAIN ISRNLKDLNQ 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 drµgs, 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.

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