

**BLOC1S2, 1-142aa, Human, His tag, E.coli**

**Cat.NO.: TP01345**

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3th Edition

**Synonyms:**Biogenesis of lysosomal organelles complex-1,subunit 2, BLOS2, RP11-316M21.4.

**Description:**BLOC1S2 (Biogenesis of lysosome-related organelles complex 1 subunit 2) belongs to the BLOC1S2 family. BLOC-1 or biogenesis of lysosome-related organelles complex 1 is a ubiquitously expressed multisubunit protein complex. BLOC-1 is required for normal biogenesis of specialized organelles of the endosomal-lysosomal system, such as melanosomes and platelet dense granules.

**Form:**Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 50mM NaCl

**Molecular Weight:**18.5kDa (166aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMAAAAEGVLATRSDEPARDDAAVETAEEAKEPAEADITELCRDMFSKMAT  
YLTGELTATSEDYKLLNEMNKLTSLKYLEMKDIAINISRNKDLNQQYAGLQPYLDQINVIEEQVAALEQAAYKLDAYS  
KKLEAKYKKLEKR

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.