

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

Cat.NO.: TP01345

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:

MGSSHHHHHHSSGLVPRGSHMGSHMAAAAEGVLATRSDEPARDDAAVETAEEAKEPAEADITELCRDMFSKMAT
YLTGELTATSEDYKLLNMNKLTSKYLEMKDIAINISRNLDLNQKYAGLQPYLDQINVIEEQVAALEQAAYKLDAYS
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.