

AR50352PU-S**Human BLOC-1 subunit 2 (1-142, His-tag) - Purified**

Alternate names:	BLOC1S2, BLOS2, Biogenesis of lysosome-related organelles complex 1 subunit 2, CEAP
Quantity:	0.1 mg
Concentration:	1mg/ml (determined by Bradford assay)
Background:	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. This protein plays a role in cell proliferation.
Uniprot ID:	Q6QNY1
NCBI:	NP_776170.2
GeneID:	282991
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 50mM NaCl
Description:	Recombinant human BLOC1S2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMAAAAE GVLATRSDEP ARDDAAVETA EEAKEPAEAD ITELCRDMFS KMATYLTGEL TATSEYKLL ENMNKLTSLK YLEMKDIAIN ISRNKLDLNQ KYAGLQPYLD QINVIEEQVA ALEQAAYKLD AYSKKLEAKY KLEKR Molecular weight: 18.5 kDa (166aa), confirmed by MALDI-TOF(Molecular weight on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Starcevic M., et al. (2004) J. Biol. Chem. 279:28393-28401Wang Z., et al. (2004) J. Mol. Biol. 343:71-82

Pictures:

