

# Biogenesis of lysosome-related organelles complex 1 subunit 2 (BLOS2), Recombinant Protein

Cat RP05355

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Biogenesis of lysosome-related organelles complex 1 subunit 2 (BLOS2)

## Product Gene Name

BLOS2 recombinant protein

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MADSRDDLAE SLQNLFTSVS SMVKSELQGT NNHLDLLEKM NLRVASEYDD MGDVAAGLRV FAEQMKS KSG  
GLDEFVGQMD AIEKQVSEFE AVISVLDRYV SVLESKIRAE YRHPHHQRRS NDSVVT

## Sequence Positions

1-127, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

14,266 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Biogenesis of lysosome-related organelles complex

## NCBI Accession #

NP\_568711.1

## NCBI GI #

18423040

## NCBI GenBank Nucleotide #

NM\_124332.3

## NCBI GenID

835016

## NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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biogenesis of lysosome organelles complex 1 subunit-like protein

## NCBI Official Symbol

BLOS2

## NCBI Official Synonym Symbols

BLOC subunit 2; K6M13.19

## NCBI Protein Information

biogenesis of lysosome organelles complex 1 subunit-like protein

## NCBI Summary

Putative homolog of mammalian BLOC-1 Subunit 2. Protein - protein interaction with BLOS1.

## UniProt Gene Name

BLOS2

## UniProt Synonym Gene Names

BLOC-1 subunit 2

## UniProt Protein Name

Biogenesis of lysosome-related organelles complex 1 subunit 2

## UniProt Primary Accession #

F4K657

## UniProt Secondary Accession #

Q570L7; Q8LBQ0; Q9FGZ1

## UniProt Related Accession #

F4K657

## UniProt Comments

Component of the biogenesis of lysosome-related organelles complex-1 (BLOC-1), a complex that mediates the vacuolar degradative transport via the intracellular vesicle trafficking from the endosome to the vacuole.

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