

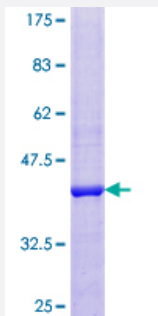
Full-Length

# BLOC1S1 (Human) Recombinant Protein (P01)

Catalog # H00002647-P01

Size 25 ug, 10 ug

## Applications



## Specification

|                               |   |
|-------------------------------|---|
| Product Description           | Human BLOC1S1 full-length ORF ( NP_001478.1, 1 a.a. - 125 a.a.) recombinant protein with GST-tag at N-terminal.               |
| Sequence                      | MLSRLLKEHQAKQNERKELQEKRREAITAATCLTEALVDHLNVGVAQAYMNQRKLDHEVKTLLQVQAAQFAKQTGQWIGMVENFNQALKEIGDVENWARSIELDMRTIATALEYVYKGQLQSAPS |
| Host                          | Wheat Germ (in vitro)   |
| Theoretical MW (kDa)          | 40.7  |
| Interspecies Antigen Sequence | Mouse (99); Rat (100)   |
| Preparation Method            | <a href="#">in vitro wheat germ expression system</a>   |
| Purification                  | Glutathione Sepharose 4 Fast Flow   |
| Quality Control Testing       | 12.5% SDS-PAGE Stained with Coomassie Blue.   |
| Storage Buffer                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.  |
| Storage Instruction           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.   |
| Note                          | Best use within three months from the date of receipt of this protein.  |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — BLOC1S1

|                     |  |
|---------------------|--|
| Entrez GeneID       | <a href="#">2647</a>   |
| GeneBank Accession# | <a href="#">NM_001487.1</a>  |
| Protein Accession#  | <a href="#">NP_001478.1</a>  |
| Gene Name           | BLOC1S1  |
| Gene Alias          | BLOS1, FLJ39337, FLJ97089, GCN5L1, MGC87455, MICoA, RT14   |
| Gene Description    | biogenesis of lysosomal organelles complex-1, subunit 1  |
| Omim ID             | <a href="#">601444</a>   |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| Gene Summary        | BLOC1S1 is a component of the ubiquitously expressed BLOC1 multisubunit protein complex. BLOC1 is required for normal biogenesis of specialized organelles of the endosomal-lysosomal system, such as melanosomes and platelet dense granules (Starcevic and Dell'Angelica, 2004 [PubMed 15102850]).[supplied by OMIM] |
| Other Designations  | BLOC subunit 1 BLOC-1 subunit 1 GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 1 GCN5 general control of amino-acid synthesis 5-like 1 MTA1-interacting coactivator biogenesis of lysosome-related organelles complex-1, subunit 1  |