

## Product datasheet for TP302351L

### BLOC1S2 (NM\_001001342) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human biogenesis of lysosomal organelles complex-1, subunit 2 (BLOC1S2), transcript variant 2, 1 mg                           |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC202351 protein sequence<br>Red=Cloning site Green=Tags(s)   |
|                                       | MFSKMATYLTGELTATSEDYKLENNMKNLTSKYLEMKDIAINISRNLDLNQKYAGLQPYLDQINVIEE<br>QVAALEQAAYKLDAYSKKLEAKYKKLEKR  |
|                                       | TRTRPLEQKLISEEDLAANDILDYKDDDDKV  |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 11.3 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:                               | <a href="#">NP_001001342</a>   |
| Locus ID:                             | 282991   |
| UniProt ID:                           | <a href="#">Q6QNY1</a>   |
| RefSeq Size:                          | 2722   |



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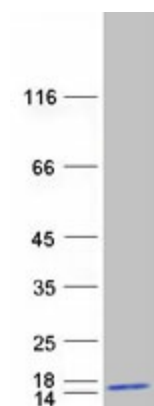
Cytogenetics: 10q24.31

RefSeq ORF: 297

Synonyms: BLOS2; BORCS2; CEAP; CEAP11

**Summary:** This gene encodes a protein with multiple functions. The encoded protein has been found in association with the centrosome, shown to co-localize with gamma-tubulin, and also found to be one of the proteins in the BLOC-1 complex which functions in the formation of lysosome-related organelles. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]

### Product images:



Coomassie blue staining of purified BLOC1S2 protein (Cat# [TP302351]). The protein was produced from HEK293T cells transfected with BLOC1S2 cDNA clone (Cat# [RC202351]) using MegaTran 2.0 (Cat# [TT210002]).