# Product datasheet for TP524514

## Bloc1s6 (NM_019788) Mouse Recombinant Protein

## Product data:

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|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Mouse biogenesis of lysosomal organelles complex-1, subunit 6, pallidin (Bloc1s6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| **Species:** | Mouse |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | A DNA sequence from Mouse cDNA ORF Clone, MR224514, encoding Mouse full-length Bloc1s6. |
| **Tag:** | C-MYC/DDK |
| **Predicted MW:** | 20.1 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 |
| **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 after receiving vials. |
| **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:** | NP_062762 |
| **Locus ID:** | 18457 |
| **UniProt ID:** | Q9R0C0 |
| **RefSeq Size:** | 3494 |
| **Cytogenetics:** | 2 60.66 cM |
| **RefSeq ORF:** | 516 |
| **Synonyms:** | BLOC-1; pa; Pldn; Stx13bp1 |

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**Summary:** Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. May play a role in intracellular vesicle trafficking, particularly in the vesicle-docking and fusion process.[UniProtKB/Swiss-Prot Function]