

Product datasheet for PH301514

Pallidin (BLOC1S6) (NM_012388) Human Mass Spec Standard

Product data:

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|---------------------------------------|--|
| Product Type: | Mass Spec Standards |
| Description: | PLDN MS Standard C13 and N15-labeled recombinant protein (NP_036520) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC201514 |
| Predicted MW: | 19.7 kDa |
| Protein Sequence: | >RC201514 protein sequence Red=Cloning site Green=Tags(s) MSVPGPSSPDGALTRPPYCLEAGEPTPGLSDTSPDEGLIEDLTIEDKAVEQLAEGLLSHYLPDLQRSKQA LQELTQNQVVLLDTLEQEISKFKECHSMLDINALFAEAKHYHAKLVNIRKEMLMHEKTSKLRKALQLQ QKRQKEELEREQQREKEFEREKQLTARPAKRM TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_036520 |
| RefSeq Size: | 3959 |
| RefSeq ORF: | 516 |
| Synonyms: | BLOS6; HPS9; PA; PALLID; PLDN |
| Locus ID: | 26258 |
| UniProt ID: | Q9UL45 , B3KY40 |

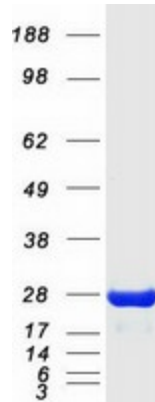


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Cytogenetics: 15q21.1

Summary: The protein encoded by this gene may play a role in intracellular vesicle trafficking. It interacts with Syntaxin 13 which mediates intracellular membrane fusion. Mutations in this gene cause symptoms associated with Hermansky-Pudlak syndrome-9. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the X chromosome. [provided by RefSeq, Aug 2015]

Product images:



Coomassie blue staining of purified BLOC1S6 protein (Cat# [TP301514]). The protein was produced from HEK293T cells transfected with BLOC1S6 cDNA clone (Cat# [RC201514]) using MegaTran 2.0 (Cat# [TT210002]).