

Active Recombinant Human SMPD1, His-tagged

Cat. No. SMPD1-610H Lot. No. (See product label)

SPECIFICATION

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|-----------------------------|---|
| Product Overview | Recombinant Human SMPD1 (Accession # NP_000534) His62-Pro628, fused with a C-terminal 10-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived. |
| Species | Human |
| Source | CHO |
| ProteinLength | 62-628 a.a. |
| Predicted N Terminal | His62 |
| Form | Supplied as a 0.2 µ filtered solution in Tris and NaCl. |
| Bio-activity | Measured by its ability to cleave 2-N-Hexadecanoylamino-4-nitrophenylphosphorylcholine (HNPPC). The specific activity is >1,700 pmol/min/g, as measured under the described conditions. |
| Molecular Mass | Recombinant Human SMPD1, His-tagged has a calculated MW of 66 kDa. In SDS-PAGE migrates as 71, 77, and 85 kDa, reducing conditions. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 |

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months (-70°C).

GENE INFORMATION

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| Gene Name | ITGA6 integrin, alpha 6 [Homo sapiens] |
| Official Symbol | ITGA6 |
| Synonyms | ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244; |
| Gene ID | 3655 |
| mRNA Refseq | NM_000210 |
| Protein Refseq | NP_000201 |
| MIM | 147556 |
| UniProt ID | P23229 |
| Chromosome Location | 2q31.1 |

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