

Active Recombinant Human SMPD1, His-tagged

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

SPECIFICATION

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

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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