

Recombinant Human PSMD6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSMD6-3888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSMD6 MS Standard C13 and N15-labeled recombinant protein (NP_055629) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the protease subunit S10 family. The encoded protein is a subunit of the 26S proteasome which colocalizes with DNA damage foci and is involved in the ATP-dependent degradation of ubiquitinated proteins. Alternative splicing results in multiple transcript variants
Molecular Mass	45.4 kDa
AA Sequence	MPLNLEEEGLPKNPDLRIAQLRFLLSLPEHRGDAAVRDELMAAVRDNNMAPYYEA LCKSLDWQIDVDLLNKMKKANEDELKRLDEELED AEKNLGESEIRDAMMAKAEYLC RIGDKEGALTAFRKTYDKTVALGHRLDIVFYLLRIGLFYMDNDLITRNTAKSLIEEG GDWDRRNRLKVYQGLYCVAIRDFKQAAELFDTVSTFTSYELMDYKTFVTYTVYVS MIALERPDLREKVIKGAEILEVLHSLPAVRQYLFSLYECRYSVFFQSLAVVEQEMKKD WLFAPHYRYYYVREMRIHAYSQLLSEYRSLTLGYMAEAFGVGVFEFIDQELSRFIAAGR LHCKIDKVNEIVETNRPDSKNWQYQETIKKGDLLLNRVQKLSRVINMTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

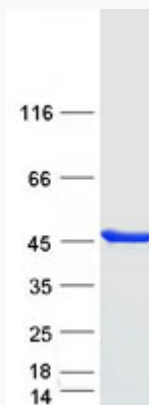
GENE INFORMATION

Gene Name	PSMD6 proteasome 26S subunit, non-ATPase 6 [Homo sapiens (human)]
Official Symbol	PSMD6
Synonyms	PSMD6; proteasome (prosome, macropain) 26S subunit, non-ATPase, 6; 26S proteasome non-ATPase regulatory subunit 6; KIAA0107; p44S10; Rpn7; S10; p42A; 26S proteasome regulatory subunit S10; 26S proteasome regulatory subunit RPN7; breast cancer-associated protein SGA-113M; phosphonoformate immuno-associated protein 4; proteasome regulatory particle subunit p44S10; SGA-113M;
Gene ID	9861
mRNA Refseq	NM_014814
Protein Refseq	NP_055629
MIM	617857
UniProt ID	Q15008

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SDS-PAGE

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