

Recombinant Human PSME4 Protein, His-tagged

Cat. No. PSME4-2637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSME4 Protein (Leu1634-Ala1843) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu1634-Ala1843
Description	Predicted to enable lysine-acetylated histone binding activity; peptidase activator activity; and proteasome binding activity. Predicted to be involved in DNA repair; proteasomal ubiquitin-independent protein catabolic process; and spermatogenesis, exchange of chromosomal proteins. Located in nucleoplasm.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9 kDa Accurate Molecular Mass: 26 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PSME4 proteasome (prosome, macropain) activator subunit 4 [Homo sapiens (human)]
Official Symbol	PSME4
Synonyms	PSME4; proteasome (prosome, macropain) activator subunit 4; proteasome activator complex subunit 4; KIAA0077; PA200; proteasome activator PA200; proteasome activator 200 kDa; FLJ21864; MGC138374; MGC142228;
Gene ID	23198
mRNA Refseq	NM_014614
Protein Refseq	NP_055429
MIM	607705

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UniProt ID

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