

Recombinant Mouse Psme3ip1 Protein, MYC/DDK-tagged

Cat. No. Psme3ip1-202M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse family with sequence similarity 192, member A (Fam192a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Promotes the association of the proteasome activator complex subunit PSME3 with the 20S proteasome and regulates its activity. Inhibits PSME3-mediated degradation of some proteasome substrates, probably by affecting their diffusion rate into the catalytic chamber of the proteasome. Also inhibits the interaction of PSME3 with COIL, inhibits accumulation of PSME3 in Cajal bodies and positively regulates the number of Cajal bodies in the nucleus.
Molecular Mass	28.7 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Psme3ip1 proteasome activator subunit 3 interacting protein 1 [Mus musculus (house mouse)]

Official Symbol Psme3ip1

Synonyms Psme3ip1; proteasome activator subunit 3 interacting protein 1; Nip30; Fam192a; AI596259; 1700001O11Rik; 2310065K24Rik; PSME3-interacting protein; NEFA-interacting nuclear protein NIP30; PA28G-interacting protein; family with sequence similarity 192, member A; protein FAM192A

Gene ID 102122

mRNA Refseq NM_028221

Protein Refseq NP_082497

UniProt ID Q91WE2

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