

# Recombinant Human Proteasome activator complex subunit 1(PSME1)

Catalog No: #AP76873

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Package Size: #AP76873-1 20ug #AP76873-2 100ug #AP76873-3 1mg

## Description

Product Name	Recombinant Human Proteasome activator complex subunit 1(PSME1)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-249aaSequence Info:Full Length
Other Names	11S regulator complex subunit alpha
Accession No.	Q06323
Uniprot	Q06323
GeneID	5720;
Calculated MW	55.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MAMLRVQPEAQAKVDVFRDLCTKTENLLGSYFPPKISELDAFLKEPALNEANLSNLKAPLDIPVPDPVKEKEK EERKKQKEKEDKDEKKGEDEDKGPVNCNEKIVLLQRLKPEIKDVIEQLNLVTTWLQLQIPRIEDGNNF GVAVQEKVFEMLTSLHTKLEGFHTQISKYFSERGDAVTKAAKQPHVGDYRQLVHELDEAEYRDIRLMVMEIRN AYAVLYDIILKNFEKLLKPRGETKGMIIY
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.

## References

"Interferon-gamma up-regulates a unique set of proteins in human keratinocytes. Molecular cloning and expression of the cDNA encoding the RGD-sequence-containing protein IGUP I-5111."

Honore B., Leffers H., Madsen P., Celis J.E.

Eur. J. Biochem. 218:421-430(1993)Research Topic:Cell Biology

Note: This product is for in vitro research use only