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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMB5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005693-T04

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

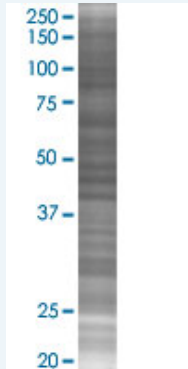
Plasmid: pCMV-PSMB5 full-length

Host: Human

Theoretical MW (kDa): 28.5

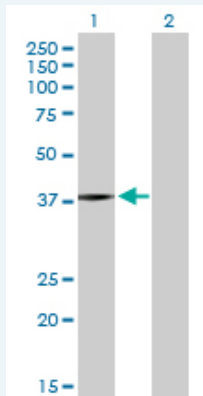
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PSMB5 antibody (H00005693-D01P) by Western Blots.

SDS-PAGE Gel



PSMB5 transfected lysate.

Western Blot



Lane 1: PSMB5 transfected lysate (28.50 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [5693](#)

GeneBank [NM_002797.2](#)
Accession#:

Protein [NP_002788.1](#)
Accession#:

Gene Name: PSMB5

Gene Alias: LMPX,MB1,MGC104214,X

Gene Description: proteasome (prosome, macropain) subunit, beta type, 5

Omim ID: [600306](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: PSX large multifunctional protease X,macropain epsilon chain,multicatalytic endopeptidase complex epsilon chain,proteasome beta 5 subunit,proteasome catalytic subunit 3,proteasome chain 6,proteasome epsilon chain,proteasome subunit MB1,proteasome subunit

Gene Pathway

[Proteasome](#)