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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMA7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005688-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

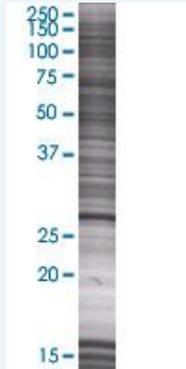
Plasmid: pCMV-PSMA7 full-length

Host: Human

Theoretical MW (kDa): 27.39

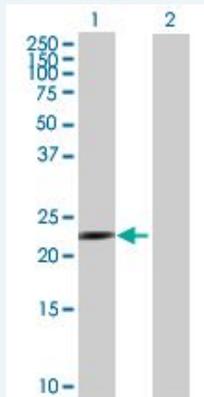
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PSMA7 antibody (H00005688-B01) by Western Blots.

SDS-PAGE Gel



PSMA7 transfected lysate.

Western Blot



Lane 1: PSMA7 transfected lysate (27.39 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

Western Blot

Gene Information

Entrez GeneID: [5688](#)

GeneBank Accession#: [NM_002792.2](#)

Protein Accession#: [NP_002783.1](#)

Gene Name: PSMA7

Gene Alias: C6,HSPC,MGC3755,RC6-1,XAPC7

Gene Description: proteasome (prosome, macropain) subunit, alpha type, 7

Omim ID: [606607](#)

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 peptidase T1A family, that is a 20S core alpha subunit. This particular subunit has been shown to interact specifically with the hepatitis B virus X protein, a protein critical to viral replication. In addition, this subunit is involved in regulating hepatitis virus C internal ribosome entry site (IRES) activity, an activity essential for viral replication. This core alpha subunit is also involved in regulating the hypoxia-inducible factor-1alpha, a transcription factor important for cellular responses to oxygen tension. Multiple isoforms of this subunit arising from alternative splicing may exist but alternative transcripts for only two isoforms have been defined. A pseudogene has been identified on chromosome 9. [provided by RefSeq]

Other Designations: OTTHUMP00000031449,proteasome alpha 7 subunit,proteasome subunit RC6-1,proteasome subunit XAPC7,proteasome subunit alpha 4

Gene Pathway

[Proteasome](#)

Related Disease

[Kidney Failure, Chronic](#)