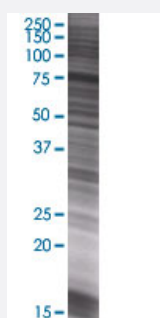


CAPN5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000726-T01

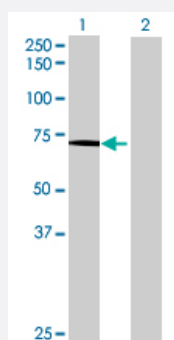
Size 100 uL

Applications



SDS-PAGE Gel

CAPN5 transfected lysate.



Western Blot

Lane 1: CAPN5 transfected lysate (70.51 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CAPN5 full-length

Host Human

Theoretical MW (kDa) 70.51

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CAPN5 antibody ([H00000726-B01](#)) by Western Blots.

SDS-PAGE Gel

CAPN5 transfected lysate.

Western Blot

Lane 1: CAPN5 transfected lysate (70.51 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.

Applications

- Western Blot

Gene Info — CAPN5

Entrez GeneID	726
GeneBank Accession#	NM_004055.4
Protein Accession#	NP_004046.2
Gene Name	CAPN5
Gene Alias	FLJ46245, HTRA3, nCL-3
Gene Description	calpain 5
Omim ID	602537
Gene Ontology	Hyperlink
Gene Summary	Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to Caenorhabditis elegans sex determination gene tra-3, CAPN5 is also called as HTRA3. [provided by RefSeq]
Other Designations	-

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)