Recombinant Human CAPN5 cell lysate

Cat. No. CAPN5-278HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CAPN5 calpain 5 [Homo sapiens]
Official Symbol	CAPN5
Synonyms	CAPN5; calpain 5; calpain-5; HTRA3; nCL 3; new calpain 3; calpain htra-3; nCL-3; FLJ46245;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	726
mRNA Refseq	NM_004055
Protein Refseq	NP_004046
MIM	602537
UniProt ID	O15484
Chromosome Location	11q14
Pathway	Integrin-mediated cell adhesion, organism-specific biosystem;
Function	calcium-dependent cysteine-type endopeptidase activity; peptidase activity;

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