

Recombinant Human CAPN11 cell lysate

Cat. No. CAPN11-277HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this superfamily. They consist of a variable 80 kDa subunit and an invariant 30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis.
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	CAPN11 calpain 11 [Homo sapiens]
Official Symbol	CAPN11
Synonyms	CAPN11; calpain 11; calpain-11; CANP 11; calcium-activated neutral proteinase 11; calpain11;

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Gene ID	11131
mRNA Refseq	NM_007058
Protein Refseq	NP_008989
MIM	604822
UniProt ID	Q9UMQ6
Chromosome Location	6p12
Pathway	Integrin-mediated cell adhesion, organism-specific biosystem;
Function	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity; peptidase activity;

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