

# Recombinant Human CAPN7

Catalog No: #GP10236



Package Size: #GP10236-1 100ug

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## Description

Product Name	Recombinant Human CAPN7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human calpain 7
Target Name	calpain 7
Other Names	PALBH; CALPAIN7
Accession No.	Swissprot:Q9Y6W3Gene Accession:BC056202
Uniprot	Q9Y6W3
GeneID	23473;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activity.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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