



## CAPN12 peptide (DAG-P0258)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large subunit family. [provided by RefSeq, Jun 2012]
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Sequence Similarities</b>	Belongs to the peptidase C2 family. Contains 1 calpain catalytic domain. Contains 1 EF-hand domain.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">CAPN12 calpain 12 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CAPN12

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<b>Synonyms</b>	CAPN12; calpain 12; calpain-12; CANP 12; calcium-activated neutral proteinase 12;
<b>Entrez Gene ID</b>	<a href="#">147968</a>
<b>mRNA Refseq</b>	<a href="#">NM_144691.3</a>
<b>Protein Refseq</b>	<a href="#">NP_653292.2</a>
<b>UniProt ID</b>	Q6ZSI9
<b>Chromosome Location</b>	19q13.2
<b>Function</b>	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity;

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