



CAPN12 peptide (DAG-P0257)

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

PRODUCT INFORMATION

Antigen Description	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]
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase C2 family.Contains 1 calpain catalytic domain.Contains 1 EF-hand domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	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

Gene Name	CAPN12 calpain 12 [Homo sapiens (human)]
Official Symbol	CAPN12

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