

Recombinant Human CAPNS1

Catalog No: #GP10232



Package Size: #GP10232-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CAPNS1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 91-268 amino acids of human calpain, small subunit 1
Target Name	calpain, small subunit 1
Other Names	30K, CANP, CDPS, CSS1, CANPS, CAPN4, CALPAIN4
Accession No.	Swissprot:P04632Gene Accession:BC000592
Uniprot	P04632
GeneID	826;
Storage	-20~-80°C, pH 7.6 PBS

Background

Calpains are a ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. Calpain families have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. Calpain I and II are heterodimeric with distinct large subunits associated with common small subunits, all of which are encoded by different genes. This gene encodes a small subunit common to both calpain I and II and is associated with myotonic dystrophy. Two transcript variants encoding the same protein have been identified for this gene.

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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