

Recombinant Human CAPN6

Catalog No: #GP10234



Package Size: #GP10234-1 100ug

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

Description

Product Name	Recombinant Human CAPN6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 26-343 amino acids of human CAPN6
Target Name	calpain 6
Other Names	CANPX; CAPNX; CalpM; DJ914P14.1
Accession No.	Swissprot:Q9Y6Q1 Gene Accession:BC000730
Uniprot	Q9Y6Q1
GeneID	827;
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 protein encoded by this gene is highly expressed in the placenta. Its C-terminal region lacks any homology to the calmodulin-like domain of other calpains. The protein lacks critical active site residues and thus is suggested to be proteolytically inactive. The protein may play a role in tumor formation by inhibiting apoptosis and promoting angiogenesis.

References

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

Note: This product is for in vitro research use only