

Recombinant Human Calpain small subunit 1(CAPNS1)

Catalog No: #AP70116

Package Size: #AP70116-1 20ug #AP70116-2 100ug #AP70116-3 1mg

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Description

Product Name	Recombinant Human Calpain small subunit 1(CAPNS1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-268aaSequence Info:Full Length
Other Names	Calcium-activated neutral proteinase small subunit ;CANP small subunit;Calcium-dependent protease small subunit ;CDPSCalcium-dependent protease small subunit 1;Calpain regulatory subunit
Accession No.	P04632
Calculated MW	44.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MFLVNSFLKGGGGGGGGGGGLGGGLGNVLGGLISAGGGGGGGGGGGGGGGGGGGGTAMRILGGVISAI SEAAQYNPEPPPPRTHYSNIEANESEEVQRRLFAQLAGDDMEVSATELMNILNKVVTRHPDLKTDGFGID TCRSMVAVMDSDDTGLGFEEFKYLWNNIKRWQAIYKQFDTRSGTICSELPGAFEAAAGFHLNEHLYNMIIR RYSDESGNMDFDNFISCLVRLDAMFRAFKSLDKDGTGQIQVNIQEWLQLTMYS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Regulatory subunit of the calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.

References

Nucleotide sequence of a cDNA coding for the small subunit of human calcium-dependent protease.Ohno S., Emori Y., Suzuki K.Nucleic Acids Res. 14:5559-5559(1986)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.