

Full-Length

CAPN13 (Human) Recombinant Protein (P01)

Catalog # H00092291-P01

Size 50 ug

Specification

Product Description	Human CAPN13 full-length ORF (ADR83092.1, 1 a.a. - 669 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAYYQEPSVETSIIKFKDQDFTTLRDHCLSMGRTFKDETTPAADSSIGQKLLQEKRLSNVWKR PQDLPGGPPHFILDDISRFDIQQGGAADCWFLAALGSLTQNPQYRQKILMVQSFSHQYAGIFRFRFWQ CGQWVEVVIDRLPVQGDKCLFVRPRHQNQEFWPCLEKAYAKLLGSYSDLHYGFLEDALVDLT GGVITNIHLHSSPVDLVKAVKTATKAGSLITCATPSGPTDTAQAMENGLVSLHAYTVTGAEQIQYRR GWEEIISLWNPWGWGETEWRGRWSDGSQEWEEETCDPRKSQLHKKREDGEFWMSCQDFQQK FIAMFICSEIPITLDHGNTLHEGWSQIMFRKQVILGNTAGGPRNDAQFNFSVQEPMEGTNNVVCVTV AVTPSNLKAEDAKFPLDFQVILAGSQRFREKFPVFFSSFRNTVQSSNNKFRRNFTMTYHLSPGN YVVVAQTRRKSAEFLRIFLKMPDSDRHLSSHFNLRMKGSPSEHGSQQSIFNRYAQQRLDIDATQL QGILLNQELLTGPPGDMFSLDECRSLVALMELKVNGRLDQEEFARLWKRLVHYQHVFQKVQTSP GVLLSSDLWKAIENTDFLRGIFISRELLHLVTLRYSDSVGRVSFPLVCFLMRLEAMAKTFRNLSKD GKGLYLTEMEWMSLVMYN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	73.6
Interspecies Antigen Sequence	Mouse (68); Rat (67)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CAPN13

Entrez GeneID [92291](#)

GeneBank Accession# [HQ258338.1](#)

Protein Accession# [ADR83092.1](#)

Gene Name CAPN13

Gene Alias FLJ23523

Gene Description calpain 13

Omim ID [610228](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calpains are a family of cytosolic calcium-activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin-cytoskeletal interactions, and synaptic plasticity (Dear et al., 2000 [PubMed 10964513]). CAPN13 belongs to the calpain large subunit family.[supplied by OMIM]

Other Designations -

Disease

- [Hypertension](#)
- [Tobacco Use Disorder](#)