

Recombinant Human CAPN14 HEK293T cell lysate

Cat. No. CAPN14-02HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPN14 was derived in Human HEK293T cell line.
Species	Human
Source	HEK293
Description	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]). CAPN14 belongs to the calpain large subunit family.
Form	1 vial of 100 g gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 g empty vector transfected control cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Molecular Mass	79.4 kDa
Storage	Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

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GENE INFORMATION

Gene Name	CAPN14 calpain 14 [Homo sapiens]
Official Symbol	CAPN14
Synonyms	CAPN14; calpain 14;
Gene ID	440854
mRNA Refseq	NM_001145122
Protein Refseq	NP_001138594
MIM	610229
UniProt ID	A8MX76

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