CAPN14 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	CAPN14, Lysate
Full Product Name	Human CAPN14 Protein Lysate
Product Gene Name	CAPN14 lysate
Product Synonym Names	CAPN14; FLJ54788
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	79 kDa
OMIM	610229
3D Structure	ModBase 3D Structure for A8MX76
Related Product Information for CAPN14 lysate	Human CAPN14 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of CAPN14 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CAPN14 purchase	MBS138644 is a lysate targeting CAPN14. Also known as Human CAPN14 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CAPN14. It may not necessarily be applicable to this product.

NCBI GI #	223468608
NCBI GeneID	440854
NCBI Accession #	NP_001138594
UniProt Primary Accession #	A8MX76
UniProt Secondary Accession #	B3KRU9
UniProt Related Accession #	A8MX76
GenBank Nucleotide #	NM_001145122
NCBI Official Full Name	calpain-14 isoform 1
NCBI Official Synonym Full Names	calpain 14
NCBI Official Symbol	CAPN14
UniProt Protein Name	Calpain-14
UniProt Synonym Protein Names	Calcium-activated neutral proteinase 14; CANP 14

Protein Family	Calpain
UniProt Gene Name	CAPN14
UniProt Synonym Gene Names	CANP 14
UniProt Entry Name	CAN14_HUMAN
NCBI Protein Information	calpain-14
NCBI Summary for CAPN14	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.[supplied by OMIM, Mar 2008]
Research Articles on CAPN14	**1.** CAPN14 is a unique protease with distinct tissue-specific expression and function in patients with EoE and is a potential therapeutic target for EoE and related eosinophilic and allergic diseases
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