

Product datasheet

Calpastatin overexpression 293T lysate (whole cell)
ab94277

2 Images

Overview

Product name	Calpastatin overexpression 293T lysate (whole cell)
General notes	ab94277 is a 293T cell transfected lysate in which Human Calpastatin has been transiently over-expressed using a pCMV-Calpastatin plasmid. The lysate is provided in 1X Sample Buffer. Note: For more details about how the transfected lysate was prepared view preparation notes
Tested applications	Suitable for: WB

Properties

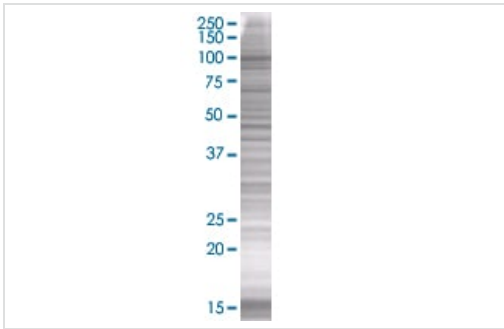
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue. Similarity: Belongs to the protease inhibitor I27 (calpastatin) family. Domain: Has four inhibitory domains. PTM: The N-terminus is blocked.

Applications

Our [Abpromise guarantee](#) covers the use of **ab94277** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

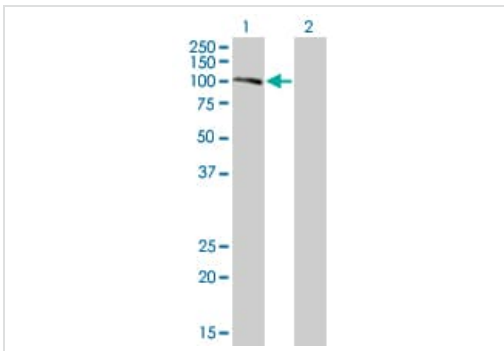
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - Calpastatin overexpression 293T lysate (whole cell) (ab94277)

ab94277 at 15µg/lane on an SDS-PAGE gel.



Western blot - Calpastatin overexpression 293T lysate (whole cell) (ab94277)

All lanes : Anti-Calpastatin antibody (ab88065) at 1/500 dilution

Lane 1 : Calpastatin overexpression 293T lysate (whole cell) (ab94277)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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