

# Recombinant Mouse CELA2A Protein (31-271 aa), His-tagged

**Cat. No.** CELA2A-1358M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse CELA2A Protein (31-271 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 31-271 aa                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Acts upon elastin.                                                                                                                                                                                                                                               |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 27.7 kDa                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | VVGGQEATPNTWPWQVSLQVLSSGRWRHNCGGSLVANNWVLTAHCLSNYQTYR<br>VLLGAHSLSNPGAGSAAVQVSKLVVHQRWNSQNVGNGYDIALIKLASPVTLISKNIQT<br>ACLPPAGTILPRNYVCYVTGWGLLQTNGNSPDTLRQGRLLVVDYATCSSASWWGS<br>SVKSSMVCAGGDGVTSSCNGDSGGPLNCRASNGQWQVHGIVSFGSSLGCNYPK<br>PSVFTRVSNYIDWINSVMARN |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                 |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4                                                                                                                                                                                    |

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centigrade for up to one week.

**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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name**

Cela2a chymotrypsin-like elastase family, member 2A [ *Mus musculus* (house mouse) ]

**Official Symbol**

[CELA2A](#)

**Synonyms**

Ela2; Ela-2; Ela2a;

**Gene ID**

[13706](#)

**mRNA Refseq**

[NM\\_007919](#)

**Protein Refseq**

[NP\\_031945](#)

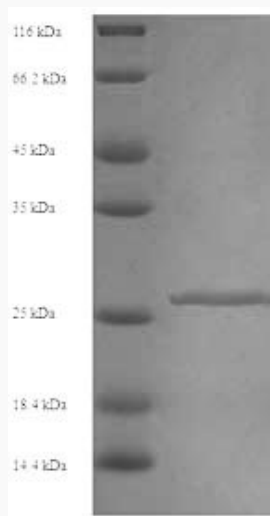
**UniProt ID**

[P05208](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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