

## CELA3A recombinant protein

Recombinant Human CELA3A Protein

|                               |                            |                            |                                                      |
|-------------------------------|----------------------------|----------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA263192</b> | HOST<br><b>Human cells</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>SDS-Page, Western Blot, ELISA</b> |
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### PRODUCT SYNONYMS

CELA3A; Recombinant Human CELA3A Protein; ELA3; ELA3A; Chymotrypsin-like elastase family member 3A; Elastase IIIA; Elastase-3A; Protease E; CELA3A recombinant protein

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | Human cells                                                                                                                                                                                                                                                                                             |
| Reactivity                                             | Human                                                                                                                                                                                                                                                                                                   |
| Purity/Purification                                    | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                    |
| Form/Format                                            | Supplied as a 0.2 uM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.                                                                                                                                                                                                              |
| Sequence                                               | SGYGPPSSHS SSRVHGEDA VPYSWPWQVS LQYEKSGSFY HTCGGSLIAP DWVVTAGHCI SRDLTYQVVL<br>GEYNLAVKEG PEQVIPINSE ELFVHPLWNR SCVACGNDIA LIKLSRSAQL GDAVQLASLP PAGDILPNKT<br>PCYITGWGRL YTNGPLPKL QQARLPVDY KHCSRWNWWG STVKKTMVCA GGYIRSGCNG DSGGPLNCPT<br>EDGGWQVHGV TSFVSGFGCN FIWKPTVFTR VSAFIDWIEE TIASHVDHHH HHH |
| Sequence Length                                        | 270                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for CELA3A recombinant protein | MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA                                                                                                                                                                                                                                              |
| Endotoxin                                              | Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.                                                                                                                                                                                                                                             |
| Directions for Use                                     | Always centrifuge tubes before opening. It is recommended that the protein be aliquotted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                        |
| Preparation and Storage                                | Store it at -20 degree C to -80 degree C for one year.                                                                                                                                                                                                                                                  |

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                           |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CELA3A recombinant protein | Recombinant Human CELA3A Protein is produced by our mammalian expression system and the target gene encoding Ser16-His270 is expressed with a 6His tag at the C-terminus. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 236460050                                                 |
| NCBI GeneID                      | 10136                                                     |
| NCBI Accession #                 | NP_005738.4                                               |
| NCBI GenBank Nucleotide #        | NM_005747.4                                               |
| UniProt Accession #              | P09093; Q9BRW4; B1AQ53                                    |
| NCBI Official Full Name          | chymotrypsin-like elastase family member 3A preproprotein |
| NCBI Official Synonym Full Names | chymotrypsin like elastase family member 3A               |
| NCBI Official Symbol             | CELA3A                                                    |

|                               |                                             |
|-------------------------------|---------------------------------------------|
| NCBI Official Synonym Symbols | ELA3; ELA3A                                 |
| NCBI Protein Information      | chymotrypsin-like elastase family member 3A |
| UniProt Protein Name          | Chymotrypsin-like elastase family member 3A |
| UniProt Gene Name             | <b>CELA3A</b>                               |
| UniProt Synonym Gene Names    | ELA3; ELA3A                                 |
| UniProt Entry Name            | CEL3A_HUMAN                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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