

Product Data Sheet

Recombinant Human CELA3A Protein

Catalog #	Source	Reactivity	Applications
CRP1286	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human CELA3A Protein is produced by mammalian expression system and the target gene encoding Ser16-His270 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.		
Gene Symbol	CELA3A		
Alternative Names	ELA3; ELA3A; Chymotrypsin-like elastase family member 3A; Elastase IIIA; Elastase-3A; Protease E		
Entrez Gene	10136 (Human)		
SwissProt	P09093 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SGYGPPSSHS SSRVHGEDA VPYSWPWQVS LQYEKSGSFY HTCGGSLIAP DWVVTAGHCI SRDLTYQVVL GEYNLAVKEG PEQVIPINSE ELFVHPLWNR SCVACGNDIA LIKLSRSAQL GDAVQLASLP PAGDILPNKT PCYITGWGRL YTNGPLPDKL QQARLPVVDY KHCSRWNWWG STVKKTMVCA GGYIRSGCNG DSGGPLNCPT EDGGWQVHGV TSFVSGFGCN FIWKPTVFTR VSAFIDWIEE TIASHVDHHH HHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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