

Recombinant Human CELA3A Protein

Catalog #	Source	Reactivity	Applications
CRP1286	Human cells	Human	E, WB, SDS-PAGE, MS
Description	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.		
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 HTC GGSLIAP DWVVTAGHCI SRDLTYQVVL GEYNLAVKEG PEQVIPINSE ELFVHPLWNR SCVACGN DIA LIKLSRSAQL GDAVQLASLP PAGDILPNKT PCYITGWGRL YTNGLPDKL 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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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