

RPCB0767

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## Product Information

<b>Product SKU:</b>	RPCB0767	<b>Gene ID:</b>	1473	<b>Size:</b>	10µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P28325
<b>Purity:</b>	> 90% by SDS-PAGE.		

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## Protein Information

**Background:** The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Cystatins are natural inhibitors of papain-like (family C1) and legumain-related (family C13) cysteine peptidases. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. As a member of type 2 cystatin, cystatin D is a single-domain protein and also has cysteine residues that form disulfide bridges. The functions of Cystatin D are largely unknown. However, Cystatin D has been shown to inhibit coronavirus replication at its physiological concentration (0.12\_x005f

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Cystatin-D/CST5 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** < 0.1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.